

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080509.D
 Acq On : 19 Dec 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	278242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	439807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198112	55.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.500%			
35) Dibromofluoromethane	8.165	113	151960	54.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.980%			
50) Toluene-d8	10.571	98	559218	53.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.540%			
62) 4-Bromofluorobenzene	12.847	95	206559	52.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	176423	49.617	ug/l	97
3) Chloromethane	2.359	50	166404	44.246	ug/l	98
4) Vinyl Chloride	2.512	62	137847	45.395	ug/l	98
5) Bromomethane	2.953	94	63770	46.579	ug/l	98
6) Chloroethane	3.124	64	87875	45.035	ug/l	97
7) Trichlorofluoromethane	3.501	101	306390	49.747	ug/l	98
8) Diethyl Ether	3.959	74	95085	49.014	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	148269	50.790	ug/l	95
10) Methyl Iodide	4.583	142	109026	42.460	ug/l #	87
11) Tert butyl alcohol	5.506	59	93856	224.247	ug/l	100
12) 1,1-Dichloroethene	4.336	96	143226	47.883	ug/l	93
13) Acrolein	4.171	56	138500	302.166	ug/l	95
14) Allyl chloride	5.024	41	174109	47.046	ug/l	95
15) Acrylonitrile	5.706	53	294553	249.072	ug/l	100
16) Acetone	4.418	43	177518	281.718	ug/l	99
17) Carbon Disulfide	4.706	76	373025	44.005	ug/l	99
18) Methyl Acetate	5.012	43	216764	53.462	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	504755	50.579	ug/l	98
20) Methylene Chloride	5.277	84	160302	47.536	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	157752	48.639	ug/l	90
22) Diisopropyl ether	6.671	45	406984	50.953	ug/l	96
23) Vinyl Acetate	6.594	43	1109106	241.768	ug/l	93
24) 1,1-Dichloroethane	6.559	63	280998	50.423	ug/l	98
25) 2-Butanone	7.477	43	310210	255.551	ug/l	92
26) 2,2-Dichloropropane	7.488	77	284369	49.902	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	182695	49.764	ug/l	90
28) Bromochloromethane	7.806	49	100236	46.846	ug/l	98
29) Tetrahydrofuran	7.835	42	212206	244.127	ug/l	92
30) Chloroform	7.965	83	317966	51.402	ug/l	92
31) Cyclohexane	8.259	56	218231	45.156	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	305466	50.435	ug/l	99
36) 1,1-Dichloropropene	8.371	75	229246	50.279	ug/l	96
37) Ethyl Acetate	7.559	43	135978	47.626	ug/l	97
38) Carbon Tetrachloride	8.359	117	277838	50.998	ug/l	95
39) Methylcyclohexane	9.600	83	227284	47.985	ug/l	91
40) Benzene	8.606	78	641731	48.741	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080509.D
 Acq On : 19 Dec 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M

Quant Title : SW846 8260

QLast Update : Wed Dec 13 01:57:14 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	80621	48.979	ug/l	94
42) 1,2-Dichloroethane	8.671	62	247483	50.760	ug/l	97
43) Isopropyl Acetate	8.688	43	253202	49.322	ug/l	98
44) Trichloroethene	9.353	130	168430	47.453	ug/l	99
45) 1,2-Dichloropropane	9.618	63	153959	49.788	ug/l	95
46) Dibromomethane	9.706	93	109822	49.453	ug/l	89
47) Bromodichloromethane	9.888	83	250929	52.723	ug/l	99
48) Methyl methacrylate	9.682	41	145028	47.340	ug/l	91
49) 1,4-Dioxane	9.694	88	38978	839.415	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	696483	246.342	ug/l	100
52) Toluene	10.629	92	409786	49.268	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	261597	50.801	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	276842	50.298	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	150509	50.290	ug/l	99
56) Ethyl methacrylate	10.876	69	164864	49.756	ug/l	93
57) 1,3-Dichloropropane	11.165	76	258728	49.315	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	522656	249.861	ug/l	98
59) 2-Hexanone	11.194	43	504647	241.776	ug/l	99
60) Dibromochloromethane	11.359	129	181913	51.295	ug/l	98
61) 1,2-Dibromoethane	11.471	107	151908	49.042	ug/l	100
64) Tetrachloroethene	11.106	164	145993	48.801	ug/l	98
65) Chlorobenzene	11.894	112	426602	49.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	172466	50.994	ug/l	95
67) Ethyl Benzene	11.965	91	788225	49.735	ug/l	97
68) m/p-Xylenes	12.071	106	589697	100.692	ug/l	91
69) o-Xylene	12.400	106	280140	48.905	ug/l	88
70) Styrene	12.412	104	422947	51.259	ug/l	95
71) Bromoform	12.582	173	121597	49.302	ug/l #	100
73) Isopropylbenzene	12.694	105	750682	51.011	ug/l	98
74) N-amyl acetate	12.494	43	203350	47.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	187936	47.659	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	197604m	54.071	ug/l	
77) Bromobenzene	12.982	156	175257	48.412	ug/l	96
78) n-propylbenzene	13.035	91	830437	51.181	ug/l	99
79) 2-Chlorotoluene	13.123	91	525112	49.572	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	638979	50.416	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	66254	47.600	ug/l #	80
82) 4-Chlorotoluene	13.223	91	533239	48.975	ug/l	97
83) tert-Butylbenzene	13.441	119	511437	49.273	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	638376	50.630	ug/l	99
85) sec-Butylbenzene	13.617	105	658483	49.593	ug/l	100
86) p-Isopropyltoluene	13.729	119	600754	50.109	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	309422	48.512	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	308885	47.975	ug/l	98
89) n-Butylbenzene	14.059	91	497695	49.710	ug/l	99
90) Hexachloroethane	14.335	117	97352	51.130	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	298151	49.227	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40810	49.201	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	172279	51.232	ug/l	98
94) Hexachlorobutadiene	15.506	225	85485	44.653	ug/l	96
95) Naphthalene	15.641	128	526279	51.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164209	50.603	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080509.D
Acq On : 19 Dec 2023 10:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080509.D
 Acq On : 19 Dec 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M

Quant Title : SW846 8260

QLast Update : Wed Dec 13 01:57:14 2023

Response via : Initial Calibration

