

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084056.D
 Acq On : 20 Sep 2024 00:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2024
 Supervised By : Mahesh Dadoda 09/20/2024

Quant Time: Sep 20 01:41:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	135706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	106795	52.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.380%
35) Dibromofluoromethane	8.171	113	77573	50.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	10.565	98	279206	52.908	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.847	95	108260	49.723	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71091	45.108	ug/l	100
3) Chloromethane	2.359	50	72254	44.700	ug/l	100
4) Vinyl Chloride	2.512	62	74086	42.887	ug/l	96
5) Bromomethane	2.936	94	45970	46.349	ug/l	98
6) Chloroethane	3.106	64	49302	40.687	ug/l	97
7) Trichlorofluoromethane	3.489	101	134139	45.746	ug/l	97
8) Diethyl Ether	3.959	74	47083	47.901	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	72716	46.786	ug/l	98
10) Methyl Iodide	4.583	142	87780	44.408	ug/l	94
11) Tert butyl alcohol	5.524	59	87850	320.606	ug/l	100
12) 1,1-Dichloroethene	4.336	96	68657	46.776	ug/l	95
13) Acrolein	4.183	56	65146	240.961	ug/l	98
14) Allyl chloride	5.030	41	127778	48.856	ug/l	98
15) Acrylonitrile	5.718	53	207316	278.209	ug/l	99
16) Acetone	4.430	43	183241	223.384	ug/l	94
17) Carbon Disulfide	4.712	76	165773	40.375	ug/l	99
18) Methyl Acetate	5.024	43	105234	62.018	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	263495	49.609	ug/l	100
20) Methylene Chloride	5.271	84	79119	47.133	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	71489	45.447	ug/l	92
22) Diisopropyl ether	6.671	45	282127	52.402	ug/l	98
23) Vinyl Acetate	6.600	43	1036242	262.823	ug/l	99
24) 1,1-Dichloroethane	6.565	63	150070	48.382	ug/l	99
25) 2-Butanone	7.482	43	288930	267.988	ug/l	98
26) 2,2-Dichloropropane	7.488	77	108504	37.985	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	90403	48.413	ug/l	100
28) Bromochloromethane	7.812	49	71362	54.632	ug/l	96
29) Tetrahydrofuran	7.841	42	184530	289.459	ug/l	96
30) Chloroform	7.965	83	164915	50.080	ug/l	96
31) Cyclohexane	8.259	56	121374	41.041	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	146069	48.241	ug/l	97
36) 1,1-Dichloropropene	8.371	75	106662	46.423	ug/l	97
37) Ethyl Acetate	7.565	43	114010	54.667	ug/l	98
38) Carbon Tetrachloride	8.359	117	123647	47.436	ug/l	99
39) Methylcyclohexane	9.600	83	112096	42.863	ug/l	98
40) Benzene	8.606	78	330128	47.737	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084056.D
 Acq On : 20 Sep 2024 00:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2024
 Supervised By : Mahesh Dadoda 09/20/2024

Quant Time: Sep 20 01:41:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67337	54.590	ug/l	97
42) 1,2-Dichloroethane	8.671	62	128017	49.541	ug/l	99
43) Isopropyl Acetate	8.688	43	211094	55.856	ug/l	100
44) Trichloroethene	9.353	130	77390	48.325	ug/l	96
45) 1,2-Dichloropropane	9.623	63	83097	49.716	ug/l	98
46) Dibromomethane	9.706	93	59839	51.113	ug/l	98
47) Bromodichloromethane	9.888	83	130224	51.397	ug/l	99
48) Methyl methacrylate	9.682	41	97304	54.268	ug/l	98
49) 1,4-Dioxane	9.700	88	34772	1178.847	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	611382	297.183	ug/l	98
52) Toluene	10.629	92	207418	49.035	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	127349	49.587	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	132849	49.245	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	79523	50.357	ug/l	96
56) Ethyl methacrylate	10.876	69	134463	55.343	ug/l	96
57) 1,3-Dichloropropane	11.165	76	139849	51.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	285217	325.792	ug/l	96
59) 2-Hexanone	11.194	43	445735	292.900	ug/l	97
60) Dibromochloromethane	11.359	129	94463	53.449	ug/l	100
61) 1,2-Dibromoethane	11.470	107	79561	50.517	ug/l	99
64) Tetrachloroethene	11.106	164	65354	44.989	ug/l	95
65) Chlorobenzene	11.888	112	221210	45.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	79107	47.002	ug/l	97
67) Ethyl Benzene	11.964	91	409908	47.529	ug/l	100
68) m/p-Xylenes	12.070	106	301735	94.236	ug/l	100
69) o-Xylene	12.400	106	144399	46.585	ug/l	97
70) Styrene	12.412	104	256350	50.393	ug/l	100
71) Bromoform	12.576	173	60579	53.414	ug/l #	99
73) Isopropylbenzene	12.694	105	384172	46.796	ug/l	100
74) N-amyl acetate	12.494	43	184577	52.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	117458	48.695	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	102002m	47.639	ug/l	
77) Bromobenzene	12.982	156	88710	44.891	ug/l	98
78) n-propylbenzene	13.035	91	458058	47.955	ug/l	99
79) 2-Chlorotoluene	13.123	91	278161	45.662	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	326507	47.174	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	38002	46.485	ug/l	95
82) 4-Chlorotoluene	13.223	91	283580	46.389	ug/l	99
83) tert-Butylbenzene	13.441	119	279830	46.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	332402	47.810	ug/l	99
85) sec-Butylbenzene	13.617	105	382983	47.689	ug/l	99
86) p-Isopropyltoluene	13.729	119	320281	47.576	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	167943	45.032	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	166021	43.964	ug/l	99
89) n-Butylbenzene	14.053	91	275960	45.656	ug/l	99
90) Hexachloroethane	14.335	117	62479	46.169	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	165057	45.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24927	51.841	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	79667	41.248	ug/l	98
94) Hexachlorobutadiene	15.500	225	35563	43.357	ug/l	99
95) Naphthalene	15.641	128	269256	45.822	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	78580	42.570	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
Data File : VN084056.D
Acq On : 20 Sep 2024 00:06
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024

Quant Time: Sep 20 01:41:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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\VN091924\
Data File : VN084056.D
Acq On : 20 Sep 2024 00:06
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 20 01:41:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/20/2024
Supervised By : Mahesh Dadoda 09/20/2024

