

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080431.D
 Acq On : 12 Dec 2023 10:33
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:27:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	321567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	498270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	455178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	224121	54.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	8.165	113	173692	54.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.960%			
50) Toluene-d8	10.565	98	655324	55.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.240%			
62) 4-Bromofluorobenzene	12.847	95	256493	57.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	201170	48.954	ug/l	98
3) Chloromethane	2.359	50	217713	50.045	ug/l	99
4) Vinyl Chloride	2.512	62	173838	49.534	ug/l	98
5) Bromomethane	2.953	94	73860	46.681	ug/l	100
6) Chloroethane	3.124	64	105360	46.691	ug/l	99
7) Trichlorofluoromethane	3.500	101	344800	48.441	ug/l	99
8) Diethyl Ether	3.959	74	108643	48.458	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	170915	50.660	ug/l	96
10) Methyl Iodide	4.583	142	157805	53.177	ug/l	96
11) Tert butyl alcohol	5.512	59	122056	252.334	ug/l	100
12) 1,1-Dichloroethene	4.336	96	165285	47.813	ug/l	88
13) Acrolein	4.177	56	120725	227.900	ug/l	97
14) Allyl chloride	5.018	41	208176	48.673	ug/l	96
15) Acrylonitrile	5.712	53	344171	251.818	ug/l	100
16) Acetone	4.418	43	216810	297.716	ug/l	97
17) Carbon Disulfide	4.712	76	467677	47.737	ug/l	98
18) Methyl Acetate	5.012	43	234383	50.019	ug/l	95
19) Methyl tert-butyl Ether	5.788	73	576411	49.978	ug/l	99
20) Methylene Chloride	5.277	84	186734	47.914	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	180686	48.204	ug/l	87
22) Diisopropyl ether	6.665	45	463605	50.222	ug/l	96
23) Vinyl Acetate	6.600	43	1331587	251.157	ug/l	94
24) 1,1-Dichloroethane	6.565	63	319175	49.557	ug/l	98
25) 2-Butanone	7.477	43	367186	261.733	ug/l	93
26) 2,2-Dichloropropane	7.488	77	325233	49.384	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	210156	49.532	ug/l	91
28) Bromochloromethane	7.812	49	123467	49.929	ug/l	99
29) Tetrahydrofuran	7.835	42	248151	247.017	ug/l	94
30) Chloroform	7.965	83	357121	49.953	ug/l	96
31) Cyclohexane	8.253	56	257750	46.148	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	349486	49.929	ug/l	98
36) 1,1-Dichloropropene	8.371	75	262464	50.811	ug/l	96
37) Ethyl Acetate	7.553	43	160838	49.723	ug/l	97
38) Carbon Tetrachloride	8.359	117	313951	50.865	ug/l	97
39) Methylcyclohexane	9.600	83	276218	51.474	ug/l	89
40) Benzene	8.606	78	744929	49.941	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080431.D
 Acq On : 12 Dec 2023 10:33
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:27:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94552	50.703	ug/l	95
42) 1,2-Dichloroethane	8.671	62	277811	50.295	ug/l	98
43) Isopropyl Acetate	8.688	43	297665	51.180	ug/l	97
44) Trichloroethene	9.353	130	202548	50.370	ug/l	98
45) 1,2-Dichloropropane	9.623	63	176038	50.248	ug/l	94
46) Dibromomethane	9.712	93	126465	50.266	ug/l	91
47) Bromodichloromethane	9.888	83	279466	51.829	ug/l	99
48) Methyl methacrylate	9.682	41	178385	51.396	ug/l	89
49) 1,4-Dioxane	9.688	88	52347	995.053	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	819546	255.857	ug/l	99
52) Toluene	10.629	92	479165	50.850	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	304437	52.184	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	324417	52.026	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	175618	51.795	ug/l	98
56) Ethyl methacrylate	10.870	69	198472	52.871	ug/l #	91
57) 1,3-Dichloropropane	11.159	76	302124	50.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	715856	302.069	ug/l	99
59) 2-Hexanone	11.194	43	603065	255.027	ug/l	99
60) Dibromochloromethane	11.359	129	209896	52.242	ug/l	98
61) 1,2-Dibromoethane	11.470	107	176706	50.355	ug/l	99
64) Tetrachloroethene	11.100	164	174568	49.672	ug/l	97
65) Chlorobenzene	11.894	112	502468	49.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	200448	50.451	ug/l	95
67) Ethyl Benzene	11.964	91	935450	50.244	ug/l	97
68) m/p-Xylenes	12.070	106	698524	101.531	ug/l	90
69) o-Xylene	12.400	106	341019	50.677	ug/l	90
70) Styrene	12.412	104	507413	52.348	ug/l	93
71) Bromoform	12.576	173	150930	52.092	ug/l #	98
73) Isopropylbenzene	12.694	105	894747	50.669	ug/l	98
74) N-amyl acetate	12.494	43	263019	51.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	229867	48.579	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	215787m	45.044	ug/l	
77) Bromobenzene	12.982	156	220578	50.778	ug/l	96
78) n-propylbenzene	13.035	91	1021935	52.489	ug/l	100
79) 2-Chlorotoluene	13.123	91	657350	51.715	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	791367	52.035	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	84532	50.612	ug/l #	80
82) 4-Chlorotoluene	13.223	91	665373	50.927	ug/l	97
83) tert-Butylbenzene	13.441	119	650947	52.263	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	805060	53.210	ug/l	98
85) sec-Butylbenzene	13.617	105	839256	52.675	ug/l	99
86) p-Isopropyltoluene	13.729	119	780072	54.224	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	381727	49.875	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	379739	49.152	ug/l	98
89) n-Butylbenzene	14.058	91	642491	53.479	ug/l	98
90) Hexachloroethane	14.335	117	116168	50.846	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	340969	46.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46267	46.486	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	198978	49.311	ug/l	97
94) Hexachlorobutadiene	15.500	225	105469	45.912	ug/l	100
95) Naphthalene	15.641	128	604643	49.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	193503	49.694	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
Data File : VN080431.D
Acq On : 12 Dec 2023 10:33
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:27:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:22:48 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\VN121223\
Data File : VN080431.D
Acq On : 12 Dec 2023 10:33
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Dec 13 01:27:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:22:48 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

