

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085189.D
 Acq On : 13 Dec 2024 11:54
 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 :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 13 23:29:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	157227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	244320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	216724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	94810	42.334	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.660%		
35) Dibromofluoromethane	8.159	113	77721	47.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	10.565	98	264839	44.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.700%		
62) 4-Bromofluorobenzene	12.847	95	103227	46.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126857	71.354	ug/l	97
3) Chloromethane	2.359	50	111230	53.942	ug/l	94
4) Vinyl Chloride	2.512	62	116022	62.611	ug/l	99
5) Bromomethane	2.948	94	71904	69.230	ug/l	98
6) Chloroethane	3.118	64	69934	55.991	ug/l	98
7) Trichlorofluoromethane	3.495	101	183691	58.273	ug/l	100
8) Diethyl Ether	3.959	74	55358	51.597	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	98751	55.234	ug/l	99
10) Methyl Iodide	4.583	142	125236	52.919	ug/l	96
11) Tert butyl alcohol	5.512	59	64023	213.924	ug/l	98
12) 1,1-Dichloroethene	4.342	96	91799	55.009	ug/l	96
13) Acrolein	4.177	56	49328	247.011	ug/l	97
14) Allyl chloride	5.018	41	129424	46.005	ug/l	94
15) Acrylonitrile	5.712	53	201534	237.853	ug/l	100
16) Acetone	4.418	43	190427	291.952	ug/l	97
17) Carbon Disulfide	4.706	76	274279	55.683	ug/l	96
18) Methyl Acetate	5.012	43	93281	44.621	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	284809	52.234	ug/l	99
20) Methylene Chloride	5.271	84	99074	49.777	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	97021	55.247	ug/l	96
22) Diisopropyl ether	6.665	45	280867	49.605	ug/l	96
23) Vinyl Acetate	6.595	43	1036152	265.260	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172698	50.968	ug/l	98
25) 2-Butanone	7.477	43	270033	253.224	ug/l	99
26) 2,2-Dichloropropane	7.489	77	163174	51.573	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	109458	51.702	ug/l	98
28) Bromochloromethane	7.806	49	57486	44.944	ug/l	92
29) Tetrahydrofuran	7.830	42	165118	248.991	ug/l	98
30) Chloroform	7.959	83	181945	50.480	ug/l	99
31) Cyclohexane	8.253	56	155169	52.013	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	170367	52.307	ug/l	97
36) 1,1-Dichloropropene	8.365	75	128712	57.675	ug/l	99
37) Ethyl Acetate	7.553	43	102711	50.626	ug/l	98
38) Carbon Tetrachloride	8.359	117	155213	60.253	ug/l	98
39) Methylcyclohexane	9.600	83	143296	61.791	ug/l	97
40) Benzene	8.600	78	393772	55.788	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085189.D
 Acq On : 13 Dec 2024 11:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 13 23:29:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	58713	52.268	ug/l	99
42) 1,2-Dichloroethane	8.665	62	133676	55.358	ug/l	99
43) Isopropyl Acetate	8.683	43	182090	43.208	ug/l	97
44) Trichloroethene	9.347	130	95221	58.050	ug/l	93
45) 1,2-Dichloropropane	9.618	63	93184	53.601	ug/l	99
46) Dibromomethane	9.706	93	67452	55.837	ug/l	100
47) Bromodichloromethane	9.883	83	146618	57.266	ug/l	99
48) Methyl methacrylate	9.677	41	85050	54.234	ug/l	98
49) 1,4-Dioxane	9.694	88	25581	940.628	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	535167	278.028	ug/l	99
52) Toluene	10.624	92	246201	58.920	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	145357	56.628	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	157621	57.882	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	87039	55.923	ug/l	95
56) Ethyl methacrylate	10.871	69	139011	61.122	ug/l	99
57) 1,3-Dichloropropane	11.159	76	149846	54.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	344628	308.914	ug/l	99
59) 2-Hexanone	11.188	43	424177	294.645	ug/l	100
60) Dibromochloromethane	11.353	129	111113	58.414	ug/l	100
61) 1,2-Dibromoethane	11.465	107	90976	56.480	ug/l	99
64) Tetrachloroethene	11.100	164	88180	60.383	ug/l	97
65) Chlorobenzene	11.888	112	263159	53.542	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	95504	55.188	ug/l	99
67) Ethyl Benzene	11.959	91	465793	58.413	ug/l	98
68) m/p-Xylenes	12.065	106	357257	117.678	ug/l	99
69) o-Xylene	12.394	106	168667	58.406	ug/l	100
70) Styrene	12.406	104	291629	60.725	ug/l	99
71) Bromoform	12.576	173	73635	57.324	ug/l #	100
73) Isopropylbenzene	12.694	105	437095	55.646	ug/l	100
74) N-amyl acetate	12.488	43	163345	50.465	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	118894	44.326	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	96081m	47.442	ug/l	
77) Bromobenzene	12.976	156	106298	50.288	ug/l	97
78) n-propylbenzene	13.029	91	521950	57.611	ug/l	100
79) 2-Chlorotoluene	13.123	91	317352	52.473	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	380868	57.784	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	45407	49.495	ug/l	97
82) 4-Chlorotoluene	13.218	91	326513	51.861	ug/l	99
83) tert-Butylbenzene	13.435	119	311960	55.008	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	380928	56.145	ug/l	100
85) sec-Butylbenzene	13.612	105	441084	57.575	ug/l	100
86) p-Isopropyltoluene	13.723	119	373787	59.105	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	199970	47.962	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	199520	46.893	ug/l	99
89) n-Butylbenzene	14.053	91	320284	54.459	ug/l	99
90) Hexachloroethane	14.329	117	70311	51.005	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	187081	46.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23856	45.995	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	97849	45.082	ug/l	96
94) Hexachlorobutadiene	15.494	225	49510	49.426	ug/l	99
95) Naphthalene	15.635	128	285698	46.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98567	47.594	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085189.D
Acq On : 13 Dec 2024 11:54
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 :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 13 23:29:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

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

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

