

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075974.D
 Acq On : 23 Dec 2022 18:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:36:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	294569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	442920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	171317	53.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	8.171	113	156443	52.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	10.571	98	584310	52.653	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.853	95	203967	55.493	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	92483	44.218	ug/l	94
3) Chloromethane	2.377	50	108068	41.552	ug/l	98
4) Vinyl Chloride	2.530	62	142729	46.007	ug/l	100
5) Bromomethane	2.948	94	112621	42.715	ug/l	99
6) Chloroethane	3.118	64	102931	44.803	ug/l	94
7) Trichlorofluoromethane	3.506	101	220126	46.761	ug/l	99
8) Diethyl Ether	3.971	74	84379	49.075	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	126160	46.933	ug/l	99
10) Methyl Iodide	4.600	142	200631	45.990	ug/l	99
11) Tert butyl alcohol	5.536	59	108422	239.103	ug/l	99
12) 1,1-Dichloroethene	4.353	96	120239	46.056	ug/l	99
13) Acrolein	4.189	56	156141	280.871	ug/l	99
14) Allyl chloride	5.042	41	142122	46.568	ug/l	91
15) Acrylonitrile	5.730	53	316962	256.142	ug/l	99
16) Acetone	4.442	43	237932	215.381	ug/l	97
17) Carbon Disulfide	4.724	76	256770	40.621	ug/l	98
18) Methyl Acetate	5.036	43	165693	50.742	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	445230	51.787	ug/l	95
20) Methylene Chloride	5.289	84	141877	47.984	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	132762	46.434	ug/l	92
22) Diisopropyl ether	6.683	45	383916	51.783	ug/l	98
23) Vinyl Acetate	6.612	43	1299017	260.318	ug/l	100
24) 1,1-Dichloroethane	6.583	63	238699	48.276	ug/l	98
25) 2-Butanone	7.494	43	387132	250.282	ug/l	95
26) 2,2-Dichloropropane	7.500	77	202708	48.411	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	164859	48.211	ug/l	97
28) Bromochloromethane	7.818	49	104495	48.217	ug/l	96
29) Tetrahydrofuran	7.847	42	255102	263.174	ug/l	100
30) Chloroform	7.971	83	270146	48.526	ug/l	96
31) Cyclohexane	8.265	56	204400	44.535	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	246723	49.990	ug/l	96
36) 1,1-Dichloropropene	8.377	75	188251	47.745	ug/l	99
37) Ethyl Acetate	7.565	43	163546	51.640	ug/l	97
38) Carbon Tetrachloride	8.371	117	218237	49.454	ug/l	98
39) Methylcyclohexane	9.606	83	233221	49.030	ug/l	98
40) Benzene	8.612	78	578467	47.552	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	86185	52.354	ug/l	97
42) 1,2-Dichloroethane	8.677	62	196088	48.485	ug/l	99
43) Isopropyl Acetate	8.694	43	286226	54.788	ug/l	98
44) Trichloroethene	9.359	130	157550	45.972	ug/l	96
45) 1,2-Dichloropropane	9.624	63	143477	48.467	ug/l	94
46) Dibromomethane	9.712	93	107630	49.020	ug/l	100
47) Bromodichloromethane	9.888	83	215894	50.141	ug/l	97
48) Methyl methacrylate	9.682	41	130954	55.655	ug/l	98
49) 1,4-Dioxane	9.694	88	55527	959.907	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	862263	272.918	ug/l	99
52) Toluene	10.635	92	397938	50.227	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	224654	53.301	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	241611	52.210	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	158229	50.882	ug/l	96
56) Ethyl methacrylate	10.876	69	230363	55.771	ug/l	98
57) 1,3-Dichloropropane	11.165	76	257027	50.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	376357	286.185	ug/l	99
59) 2-Hexanone	11.200	43	635195	275.685	ug/l	100
60) Dibromochloromethane	11.365	129	179426	51.883	ug/l	98
61) 1,2-Dibromoethane	11.470	107	160059	50.862	ug/l	98
64) Tetrachloroethene	11.106	164	142562	45.741	ug/l	99
65) Chlorobenzene	11.894	112	434904	47.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	166640	49.489	ug/l	99
67) Ethyl Benzene	11.965	91	775072	50.516	ug/l	100
68) m/p-Xylenes	12.076	106	616511	101.521	ug/l	100
69) o-Xylene	12.400	106	303697	50.535	ug/l	100
70) Styrene	12.417	104	500856	52.416	ug/l	100
71) Bromoform	12.582	173	127990	52.237	ug/l #	100
73) Isopropylbenzene	12.700	105	794035	49.922	ug/l	99
74) N-amyl acetate	12.500	43	257732	55.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	236956	48.192	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	204960m	46.197	ug/l	
77) Bromobenzene	12.982	156	187998	46.704	ug/l	99
78) n-propylbenzene	13.041	91	910929	51.926	ug/l	99
79) 2-Chlorotoluene	13.129	91	528142	48.229	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	674893	50.698	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	66008	53.553	ug/l	98
82) 4-Chlorotoluene	13.129	91	528142	48.229	ug/l	100
83) tert-Butylbenzene	13.441	119	621704	52.970	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	677104	51.272	ug/l	99
85) sec-Butylbenzene	13.623	105	848713	52.391	ug/l	99
86) p-Isopropyltoluene	13.735	119	725319	53.809	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	360472	48.480	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	356898	46.986	ug/l	99
89) n-Butylbenzene	14.059	91	582452	53.337	ug/l	100
90) Hexachloroethane	14.341	117	125809	52.177	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	355596	48.553	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40845	46.815	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	181665	50.102	ug/l	99
94) Hexachlorobutadiene	15.506	225	95635	48.343	ug/l	99
95) Naphthalene	15.647	128	546119	45.783	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	178700	52.730	ug/l	98

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

