

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN085002.D
 Acq On : 21 Nov 2024 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:39:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	132132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	101413	53.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.280%
35) Dibromofluoromethane	8.159	113	79515	50.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	10.565	98	257355	44.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.847	95	105295	48.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	54878	36.129	ug/l	93
3) Chloromethane	2.359	50	66745	36.781	ug/l	100
4) Vinyl Chloride	2.512	62	60557	37.067	ug/l	98
5) Bromomethane	2.901	94	36032	41.627	ug/l	92
6) Chloroethane	3.059	64	43117	42.424	ug/l	99
7) Trichlorofluoromethane	3.459	101	107180	39.826	ug/l	99
8) Diethyl Ether	3.953	74	50097	52.770	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	63867	41.999	ug/l	99
10) Methyl Iodide	4.571	142	94540	46.517	ug/l	94
11) Tert butyl alcohol	5.547	59	88924	353.002	ug/l	100
12) 1,1-Dichloroethene	4.324	96	59976	39.859	ug/l	97
13) Acrolein	4.171	56	64342	256.143	ug/l	99
14) Allyl chloride	5.006	41	114457	46.904	ug/l	91
15) Acrylonitrile	5.712	53	221358	303.537	ug/l	99
16) Acetone	4.430	43	179269	326.058	ug/l	97
17) Carbon Disulfide	4.694	76	135418	29.224	ug/l	100
18) Methyl Acetate	5.018	43	118362	59.539	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	269834	58.507	ug/l	97
20) Methylene Chloride	5.271	84	81089	48.310	ug/l	85
21) trans-1,2-Dichloroethene	5.771	96	63850	41.325	ug/l	98
22) Diisopropyl ether	6.665	45	259470	53.512	ug/l	99
23) Vinyl Acetate	6.594	43	978871	292.742	ug/l	98
24) 1,1-Dichloroethane	6.559	63	141015	48.440	ug/l	98
25) 2-Butanone	7.483	43	292147	328.128	ug/l	97
26) 2,2-Dichloropropane	7.483	77	115580	45.616	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	86833	48.131	ug/l	96
28) Bromochloromethane	7.806	49	59099	50.955	ug/l	95
29) Tetrahydrofuran	7.835	42	187468	317.383	ug/l	96
30) Chloroform	7.965	83	153321	51.745	ug/l	99
31) Cyclohexane	8.253	56	93374	35.439	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	124346	46.108	ug/l	99
36) 1,1-Dichloropropene	8.365	75	86247	39.764	ug/l	99
37) Ethyl Acetate	7.559	43	116513	59.207	ug/l	98
38) Carbon Tetrachloride	8.353	117	103175	42.558	ug/l	99
39) Methylcyclohexane	9.600	83	87585	39.693	ug/l	98
40) Benzene	8.600	78	309782	44.473	ug/l	99

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41) Methacrylonitrile	7.771	41	62833	59.375	ug/l	95
42) 1,2-Dichloroethane	8.665	62	116883	51.813	ug/l	100
43) Isopropyl Acetate	8.688	43	237499	65.629	ug/l	94
44) Trichloroethene	9.353	130	66824	41.598	ug/l	97
45) 1,2-Dichloropropane	9.618	63	81916	50.133	ug/l	97
46) Dibromomethane	9.706	93	59568	51.664	ug/l	98
47) Bromodichloromethane	9.888	83	124558	51.249	ug/l #	96
48) Methyl methacrylate	9.682	41	89931	58.719	ug/l	97
49) 1,4-Dioxane	9.700	88	33196	1223.134	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	592840	316.015	ug/l	98
52) Toluene	10.629	92	187485	46.022	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	123851	49.230	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	129042	48.463	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	80959	52.758	ug/l	95
56) Ethyl methacrylate	10.871	69	135203	60.911	ug/l	98
57) 1,3-Dichloropropane	11.159	76	138816	52.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	321917	309.936	ug/l	97
59) 2-Hexanone	11.194	43	442432	324.007	ug/l	99
60) Dibromochloromethane	11.359	129	96280	55.051	ug/l	99
61) 1,2-Dibromoethane	11.465	107	79459	50.564	ug/l	99
64) Tetrachloroethene	11.100	164	53315	38.286	ug/l	94
65) Chlorobenzene	11.888	112	204995	43.768	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	81219	49.854	ug/l	97
67) Ethyl Benzene	11.965	91	344127	44.017	ug/l	100
68) m/p-Xylenes	12.070	106	266599	90.073	ug/l	99
69) o-Xylene	12.400	106	131658	47.550	ug/l	99
70) Styrene	12.412	104	225818	46.753	ug/l	99
71) Bromoform	12.576	173	63646	51.919	ug/l #	97
73) Isopropylbenzene	12.694	105	321462	43.752	ug/l	99
74) N-amyl acetate	12.494	43	168310	53.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	125580	51.206	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101094m	48.236	ug/l	
77) Bromobenzene	12.976	156	84070	42.563	ug/l	99
78) n-propylbenzene	13.035	91	364602	42.347	ug/l	99
79) 2-Chlorotoluene	13.123	91	242201	43.052	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	279350	45.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43404m	49.132	ug/l	
82) 4-Chlorotoluene	13.217	91	236019	39.865	ug/l	97
83) tert-Butylbenzene	13.435	119	224625	44.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	283440	45.097	ug/l	99
85) sec-Butylbenzene	13.617	105	303218	42.592	ug/l	99
86) p-Isopropyltoluene	13.729	119	261100	44.720	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	149708	38.837	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	149183	41.969	ug/l	99
89) n-Butylbenzene	14.053	91	213500	39.092	ug/l	99
90) Hexachloroethane	14.335	117	52555	40.363	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	155898	42.087	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26803	53.948	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	77828	38.387	ug/l	100
94) Hexachlorobutadiene	15.500	225	34280	38.502	ug/l	98
95) Naphthalene	15.641	128	277469	45.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	78097	39.681	ug/l	97

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

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