

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085104.D
 Acq On : 04 Dec 2024 19:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 04 22:13:59 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 : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110847	46.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.820%		
35) Dibromofluoromethane	8.159	113	90218	47.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	10.565	98	318085	47.206	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.847	95	120529	47.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84330	44.960	ug/l	95
3) Chloromethane	2.359	50	77662	35.699	ug/l	94
4) Vinyl Chloride	2.512	62	86042	44.010	ug/l	98
5) Bromomethane	2.942	94	48827	44.559	ug/l	99
6) Chloroethane	3.112	64	53981	40.964	ug/l	97
7) Trichlorofluoromethane	3.495	101	159089	47.836	ug/l	96
8) Diethyl Ether	3.959	74	56682	50.075	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	93525	49.583	ug/l	99
10) Methyl Iodide	4.589	142	117222	46.949	ug/l	96
11) Tert butyl alcohol	5.518	59	105786	335.033	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	83237	47.277	ug/l	98
13) Acrolein	4.177	56	69233	328.602	ug/l	96
14) Allyl chloride	5.024	41	127913	43.096	ug/l	94
15) Acrylonitrile	5.718	53	253463	283.537	ug/l	99
16) Acetone	4.424	43	226391	328.987	ug/l	96
17) Carbon Disulfide	4.712	76	187080	36.000	ug/l	100
18) Methyl Acetate	5.024	43	130271	59.445	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	319501	55.541	ug/l	99
20) Methylene Chloride	5.277	84	98883	47.090	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	84785	45.761	ug/l	92
22) Diisopropyl ether	6.671	45	305281	51.104	ug/l	98
23) Vinyl Acetate	6.600	43	1137009	275.898	ug/l	99
24) 1,1-Dichloroethane	6.565	63	178546	49.946	ug/l	98
25) 2-Butanone	7.477	43	338793	301.133	ug/l	97
26) 2,2-Dichloropropane	7.488	77	158735	47.553	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	112343	50.297	ug/l	99
28) Bromochloromethane	7.806	49	67485	50.010	ug/l	97
29) Tetrahydrofuran	7.835	42	211211	301.886	ug/l	99
30) Chloroform	7.965	83	191479	50.354	ug/l	99
31) Cyclohexane	8.253	56	132713	42.165	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	173937	50.618	ug/l	98
36) 1,1-Dichloropropene	8.371	75	118917	46.694	ug/l	98
37) Ethyl Acetate	7.559	43	131615	56.847	ug/l	99
38) Carbon Tetrachloride	8.359	117	150312	51.132	ug/l	97
39) Methylcyclohexane	9.600	83	125276	47.338	ug/l	98
40) Benzene	8.606	78	392326	48.707	ug/l	99

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41) Methacrylonitrile	7.771	41	72494	56.552	ug/l	98
42) 1,2-Dichloroethane	8.665	62	137302	49.826	ug/l	99
43) Isopropyl Acetate	8.688	43	239891	49.882	ug/l	98
44) Trichloroethene	9.353	130	91113	48.674	ug/l	97
45) 1,2-Dichloropropane	9.618	63	100215	50.514	ug/l	94
46) Dibromomethane	9.706	93	70275	50.978	ug/l	98
47) Bromodichloromethane	9.888	83	155424	53.196	ug/l	96
48) Methyl methacrylate	9.677	41	103301	57.723	ug/l	98
49) 1,4-Dioxane	9.688	88	40807	1314.875	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	694244	316.053	ug/l	99
52) Toluene	10.629	92	247636	51.932	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	153649	52.454	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	162508	52.295	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	98805	55.629	ug/l	99
56) Ethyl methacrylate	10.871	69	164260	63.289	ug/l	99
57) 1,3-Dichloropropane	11.159	76	167886	53.707	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	382817	300.696	ug/l	99
59) 2-Hexanone	11.194	43	518463	315.587	ug/l	99
60) Dibromochloromethane	11.359	129	120558	55.539	ug/l	98
61) 1,2-Dibromoethane	11.465	107	98566	53.622	ug/l	99
64) Tetrachloroethene	11.100	164	79153	48.120	ug/l	97
65) Chlorobenzene	11.888	112	272249	49.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	104167	53.440	ug/l	99
67) Ethyl Benzene	11.959	91	485550	54.059	ug/l	98
68) m/p-Xylenes	12.071	106	364948	106.724	ug/l	100
69) o-Xylene	12.394	106	178783	54.962	ug/l	99
70) Styrene	12.412	104	309343	57.186	ug/l	99
71) Bromoform	12.576	173	82549	57.053	ug/l #	98
73) Isopropylbenzene	12.694	105	462656	55.516	ug/l	100
74) N-amyl acetate	12.494	43	199608	58.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	146970	51.645	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	138098m	64.271	ug/l	
77) Bromobenzene	12.976	156	114004	50.835	ug/l	98
78) n-propylbenzene	13.035	91	538561	56.029	ug/l	100
79) 2-Chlorotoluene	13.123	91	336401	52.427	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	393179	56.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51664	53.080	ug/l	94
82) 4-Chlorotoluene	13.217	91	337998	50.601	ug/l	99
83) tert-Butylbenzene	13.435	119	334949	55.668	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	393393	54.651	ug/l	100
85) sec-Butylbenzene	13.612	105	461993	56.840	ug/l	100
86) p-Isopropyltoluene	13.729	119	390359	58.179	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	206414	46.663	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	204750	45.358	ug/l	98
89) n-Butylbenzene	14.053	91	323817	51.896	ug/l	99
90) Hexachloroethane	14.335	117	75640	51.719	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	201032	47.427	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29574	53.743	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105708	45.904	ug/l	99
94) Hexachlorobutadiene	15.500	225	48051	45.213	ug/l	98
95) Naphthalene	15.641	128	348411	53.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	105488	48.009	ug/l	99

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

