

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085073.D
 Acq On : 03 Dec 2024 11:41
 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 03 23:46:58 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 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	261946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117464	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	112009	48.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.159	113	91215	51.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.280%
50) Toluene-d8	10.559	98	321920	50.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.847	95	123840	52.309	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	80268	43.502	ug/l	94
3) Chloromethane	2.359	50	91780	42.886	ug/l	98
4) Vinyl Chloride	2.518	62	93817	48.781	ug/l	100
5) Bromomethane	2.906	94	51938	48.182	ug/l	95
6) Chloroethane	3.089	64	61072	47.112	ug/l	99
7) Trichlorofluoromethane	3.477	101	164456	50.268	ug/l	99
8) Diethyl Ether	3.953	74	57003	51.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	95582	51.512	ug/l	97
10) Methyl Iodide	4.583	142	128023	52.124	ug/l	98
11) Tert butyl alcohol	5.547	59	63185	203.423	ug/l	97
12) 1,1-Dichloroethene	4.330	96	87962	50.787	ug/l	96
13) Acrolein	4.165	56	57922	279.466	ug/l	98
14) Allyl chloride	5.012	41	142091	48.665	ug/l	99
15) Acrylonitrile	5.706	53	204614	232.679	ug/l	99
16) Acetone	4.418	43	198989	293.951	ug/l	99
17) Carbon Disulfide	4.706	76	252840	49.459	ug/l	98
18) Methyl Acetate	5.018	43	100371	46.304	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	291478	51.508	ug/l	99
20) Methylene Chloride	5.265	84	99470	48.153	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	93054	51.055	ug/l	91
22) Diisopropyl ether	6.665	45	294773	50.162	ug/l	98
23) Vinyl Acetate	6.594	43	1054531	260.118	ug/l	99
24) 1,1-Dichloroethane	6.553	63	175070	49.784	ug/l	99
25) 2-Butanone	7.477	43	269648	243.640	ug/l	98
26) 2,2-Dichloropropane	7.482	77	167375	50.971	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	112441	51.174	ug/l	98
28) Bromochloromethane	7.806	49	62946	47.418	ug/l	96
29) Tetrahydrofuran	7.835	42	162801	236.543	ug/l	99
30) Chloroform	7.959	83	185036	49.465	ug/l	95
31) Cyclohexane	8.253	56	151864	49.048	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	171192	50.643	ug/l	100
36) 1,1-Dichloropropene	8.365	75	130852	54.689	ug/l	100
37) Ethyl Acetate	7.553	43	104016	47.819	ug/l	99
38) Carbon Tetrachloride	8.353	117	153722	55.659	ug/l	96
39) Methylcyclohexane	9.594	83	147801	59.445	ug/l	97
40) Benzene	8.600	78	404471	53.448	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	61972	51.457	ug/l	99
42) 1,2-Dichloroethane	8.665	62	136068	52.557	ug/l	99
43) Isopropyl Acetate	8.682	43	185926	41.150	ug/l	96
44) Trichloroethene	9.347	130	93736	53.299	ug/l	92
45) 1,2-Dichloropropane	9.612	63	96853	51.962	ug/l	93
46) Dibromomethane	9.700	93	68245	52.692	ug/l	100
47) Bromodichloromethane	9.882	83	146407	53.336	ug/l	99
48) Methyl methacrylate	9.676	41	85361	50.769	ug/l	99
49) 1,4-Dioxane	9.694	88	27897	956.765	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	519619	251.786	ug/l	99
52) Toluene	10.623	92	248568	55.484	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	146197	53.123	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	161362	55.269	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	90147	54.022	ug/l	100
56) Ethyl methacrylate	10.871	69	138929	56.976	ug/l	98
57) 1,3-Dichloropropane	11.159	76	155290	52.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	315323	263.627	ug/l	98
59) 2-Hexanone	11.194	43	397030	257.231	ug/l	99
60) Dibromochloromethane	11.353	129	108590	53.246	ug/l	96
61) 1,2-Dibromoethane	11.465	107	89419	51.778	ug/l	99
64) Tetrachloroethene	11.100	164	81408	54.124	ug/l	93
65) Chlorobenzene	11.888	112	262362	51.826	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	98383	55.198	ug/l	97
67) Ethyl Benzene	11.959	91	466421	56.790	ug/l	100
68) m/p-Xylenes	12.065	106	358411	114.623	ug/l	99
69) o-Xylene	12.394	106	169538	56.999	ug/l	99
70) Styrene	12.406	104	286199	57.861	ug/l	100
71) Bromoform	12.576	173	72155	54.537	ug/l #	98
73) Isopropylbenzene	12.694	105	434971	52.490	ug/l	99
74) N-amyl acetate	12.488	43	164656	48.219	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	124379	43.955	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	94953m	44.442	ug/l	
77) Bromobenzene	12.976	156	107298	48.116	ug/l	100
78) n-propylbenzene	13.029	91	515096	53.892	ug/l	100
79) 2-Chlorotoluene	13.123	91	321016	50.313	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	378008	54.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49572	51.219	ug/l	90
82) 4-Chlorotoluene	13.217	91	326165	49.106	ug/l	99
83) tert-Butylbenzene	13.435	119	316645	52.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	385296	53.830	ug/l	100
85) sec-Butylbenzene	13.611	105	440348	54.484	ug/l	99
86) p-Isopropyltoluene	13.723	119	381156	57.129	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	203496	46.265	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	203552	45.348	ug/l	99
89) n-Butylbenzene	14.053	91	321072	51.748	ug/l	100
90) Hexachloroethane	14.329	117	71963	49.483	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	196397	46.596	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23032	42.092	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	105427	46.042	ug/l	100
94) Hexachlorobutadiene	15.500	225	48989	46.357	ug/l	97
95) Naphthalene	15.635	128	298843	45.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	102371	46.855	ug/l	97

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

