

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	140021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	242098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98861	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	124611	51.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.780%
35) Dibromofluoromethane	5.373	113	91744	53.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.060%
50) Toluene-d8	8.640	98	306897	51.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	106993	52.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	86493	48.760	ug/l	96
3) Chloromethane	1.294	50	83366	44.661	ug/l	97
4) Vinyl Chloride	1.373	62	90554	45.609	ug/l	99
5) Bromomethane	1.599	94	61375	50.250	ug/l	97
6) Chloroethane	1.666	64	55849	46.164	ug/l	99
7) Trichlorofluoromethane	1.867	101	175841	49.537	ug/l	100
8) Diethyl Ether	2.129	74	61929	47.867	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	89039	52.586	ug/l	99
10) Methyl Iodide	2.440	142	107895	51.022	ug/l	97
11) Tert butyl alcohol	3.007	59	82554	214.160	ug/l	97
12) 1,1-Dichloroethene	2.306	96	80026	49.599	ug/l	96
13) Acrolein	2.233	56	110346	271.581	ug/l	98
14) Allyl chloride	2.654	41	138703	52.611	ug/l	98
15) Acrylonitrile	3.062	53	227682	242.374	ug/l	99
16) Acetone	2.379	43	270514	245.245	ug/l	99
17) Carbon Disulfide	2.501	76	168533	50.639	ug/l	98
18) Methyl Acetate	2.696	43	127328	49.569	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	308452	52.651	ug/l	99
20) Methylene Chloride	2.782	84	89121	47.611	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	81277	48.792	ug/l	96
22) Diisopropyl ether	3.757	45	300056	53.226	ug/l	96
23) Vinyl Acetate	3.714	43	1270483	263.452	ug/l	99
24) 1,1-Dichloroethane	3.599	63	168066	51.678	ug/l	99
25) 2-Butanone	4.550	43	340993	239.586	ug/l	100
26) 2,2-Dichloropropane	4.458	77	159292	54.235	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	102274	49.670	ug/l	96
28) Bromochloromethane	4.885	49	69670	48.669	ug/l	97
29) Tetrahydrofuran	4.995	42	199491	228.630	ug/l	99
30) Chloroform	5.080	83	179380	51.284	ug/l	97
31) Cyclohexane	5.458	56	130363	48.704	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	162737	53.951	ug/l	99
36) 1,1-Dichloropropene	5.677	75	113428	52.618	ug/l	98
37) Ethyl Acetate	4.702	43	127248	47.553	ug/l	99
38) Carbon Tetrachloride	5.665	117	135548	55.961	ug/l	98
39) Methylcyclohexane	7.366	83	145683	52.020	ug/l	100
40) Benzene	6.025	78	341850	50.910	ug/l	98

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41) Methacrylonitrile	4.909	41	72182	52.704	ug/l	98
42) 1,2-Dichloroethane	6.074	62	140487	52.094	ug/l	99
43) Isopropyl Acetate	6.330	43	219674	51.584	ug/l	99
44) Trichloroethene	7.110	130	85401	44.927	ug/l	93
45) 1,2-Dichloropropane	7.421	63	86127	52.369	ug/l	98
46) Dibromomethane	7.573	93	68292	52.494	ug/l	99
47) Bromodichloromethane	7.817	83	135862	58.229	ug/l	100
48) Methyl methacrylate	7.689	41	102048	49.940	ug/l	99
49) 1,4-Dioxane	7.665	88	33859	930.205	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	647758	249.255	ug/l	99
52) Toluene	8.713	92	206208	51.308	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	133476	56.098	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	142364	54.580	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	84935	51.196	ug/l	98
56) Ethyl methacrylate	9.116	69	134166	51.920	ug/l	98
57) 1,3-Dichloropropane	9.305	76	144385	51.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	278297	196.017	ug/l	99
59) 2-Hexanone	9.427	43	498051	254.978	ug/l	99
60) Dibromochloromethane	9.518	129	97377	58.500	ug/l	98
61) 1,2-Dibromoethane	9.604	107	87062	51.899	ug/l	100
64) Tetrachloroethene	9.268	164	69696	51.572	ug/l	96
65) Chlorobenzene	10.073	112	228907	50.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	83832	57.425	ug/l	99
67) Ethyl Benzene	10.189	91	400918	52.562	ug/l	99
68) m/p-Xylenes	10.299	106	297563	104.612	ug/l	100
69) o-Xylene	10.640	106	144197	51.921	ug/l	96
70) Styrene	10.652	104	247778	53.942	ug/l	98
71) Bromoform	10.799	173	60728	54.373	ug/l #	99
73) Isopropylbenzene	10.957	105	389946	51.313	ug/l	99
74) N-amyl acetate	10.841	43	179547	51.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	126860	48.753	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	108048m	49.837	ug/l	
77) Bromobenzene	11.195	156	91526	50.488	ug/l	98
78) n-propylbenzene	11.298	91	438915	51.714	ug/l	99
79) 2-Chlorotoluene	11.359	91	266250	49.609	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	325391	52.045	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40241	50.649	ug/l	97
82) 4-Chlorotoluene	11.451	91	312748	51.616	ug/l	100
83) tert-Butylbenzene	11.713	119	327397	52.833	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	326413	52.440	ug/l	99
85) sec-Butylbenzene	11.890	105	399542	52.623	ug/l	100
86) p-Isopropyltoluene	12.006	119	333695	54.107	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	169834	51.438	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	168265	49.987	ug/l	97
89) n-Butylbenzene	12.329	91	301456	55.440	ug/l	99
90) Hexachloroethane	12.536	117	59433	56.673	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	168498	50.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	26916	51.624	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	102903	52.383	ug/l	97
94) Hexachlorobutadiene	13.725	225	42001	54.099	ug/l	96
95) Naphthalene	13.774	128	371814	52.580	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	103759	52.185	ug/l	97

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

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