

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044078.D
 Acq On : 02 Dec 2024 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 03 00:29:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	110153	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	209009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110624	58.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.100%
35) Dibromofluoromethane	5.385	113	78962	52.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.740%
50) Toluene-d8	8.647	98	265218	51.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.040%
62) 4-Bromofluorobenzene	11.079	95	92933	53.042	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63306	45.366	ug/l	98
3) Chloromethane	1.294	50	67470	45.946	ug/l	100
4) Vinyl Chloride	1.374	62	70074	44.864	ug/l	99
5) Bromomethane	1.599	94	50213	52.258	ug/l	99
6) Chloroethane	1.666	64	50180	52.725	ug/l	100
7) Trichlorofluoromethane	1.874	101	130323	46.669	ug/l	98
8) Diethyl Ether	2.136	74	51660	50.756	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	65044	48.831	ug/l	98
10) Methyl Iodide	2.447	142	86107	51.760	ug/l	96
11) Tert butyl alcohol	2.995	59	73975	243.939	ug/l	99
12) 1,1-Dichloroethene	2.312	96	61778	48.671	ug/l	94
13) Acrolein	2.233	56	94462	295.527	ug/l	97
14) Allyl chloride	2.660	41	109902	52.990	ug/l	97
15) Acrylonitrile	3.062	53	192644	260.681	ug/l	99
16) Acetone	2.386	43	179501	206.859	ug/l	99
17) Carbon Disulfide	2.501	76	104481	39.906	ug/l	98
18) Methyl Acetate	2.703	43	113779	56.305	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	259787	56.368	ug/l	100
20) Methylene Chloride	2.782	84	75294	51.131	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	65919	50.302	ug/l	96
22) Diisopropyl ether	3.757	45	247794	55.874	ug/l	91
23) Vinyl Acetate	3.715	43	1041038	274.408	ug/l	99
24) 1,1-Dichloroethane	3.605	63	138104	53.980	ug/l	99
25) 2-Butanone	4.562	43	279833	249.926	ug/l	96
26) 2,2-Dichloropropane	4.465	77	119157	51.571	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	85050	52.505	ug/l	98
28) Bromochloromethane	4.891	49	55748	49.503	ug/l	100
29) Tetrahydrofuran	5.001	42	174580	254.332	ug/l	100
30) Chloroform	5.086	83	152075	55.266	ug/l	95
31) Cyclohexane	5.458	56	102255	48.561	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	129996	54.782	ug/l	100
36) 1,1-Dichloropropene	5.684	75	91240	49.026	ug/l	98
37) Ethyl Acetate	4.715	43	113503	49.132	ug/l	98
38) Carbon Tetrachloride	5.672	117	101670	48.619	ug/l	98
39) Methylcyclohexane	7.373	83	107218	44.346	ug/l	97
40) Benzene	6.031	78	281897	48.628	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59930	50.686	ug/l	96
42) 1,2-Dichloroethane	6.080	62	121296	52.098	ug/l	99
43) Isopropyl Acetate	6.336	43	190798	51.897	ug/l	99
44) Trichloroethene	7.117	130	69109	42.112	ug/l	94
45) 1,2-Dichloropropane	7.421	63	72949	51.379	ug/l	99
46) Dibromomethane	7.580	93	56583	50.379	ug/l	97
47) Bromodichloromethane	7.818	83	107514	53.374	ug/l	98
48) Methyl methacrylate	7.690	41	88685	50.271	ug/l	97
49) 1,4-Dioxane	7.665	88	27227	866.424	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	579803	258.427	ug/l	98
52) Toluene	8.714	92	174082	50.172	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	108250	52.699	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	116220	51.611	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	72001	50.270	ug/l	97
56) Ethyl methacrylate	9.116	69	117918	52.857	ug/l	98
57) 1,3-Dichloropropane	9.305	76	125986	52.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	298188	243.800	ug/l	98
59) 2-Hexanone	9.433	43	426659	253.009	ug/l	99
60) Dibromochloromethane	9.519	129	73223	50.954	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74345	51.334	ug/l	98
64) Tetrachloroethene	9.269	164	58756	50.573	ug/l	98
65) Chlorobenzene	10.079	112	189783	49.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66589	53.058	ug/l	99
67) Ethyl Benzene	10.189	91	338216	51.578	ug/l	99
68) m/p-Xylenes	10.299	106	246645	100.862	ug/l	96
69) o-Xylene	10.640	106	123312	51.648	ug/l	96
70) Styrene	10.652	104	207805	52.623	ug/l	98
71) Bromoform	10.799	173	42407	44.849	ug/l #	99
73) Isopropylbenzene	10.963	105	326283	53.419	ug/l	99
74) N-amyl acetate	10.841	43	158635	56.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	109661	52.434	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90966m	52.204	ug/l	
77) Bromobenzene	11.195	156	75117	51.554	ug/l	97
78) n-propylbenzene	11.305	91	365479	53.576	ug/l	98
79) 2-Chlorotoluene	11.360	91	225958	52.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	271808	54.091	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31478	49.294	ug/l	96
82) 4-Chlorotoluene	11.451	91	259474	53.280	ug/l	99
83) tert-Butylbenzene	11.713	119	264203	53.045	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	270100	53.989	ug/l	100
85) sec-Butylbenzene	11.890	105	323290	52.977	ug/l	100
86) p-Isopropyltoluene	12.006	119	270869	54.644	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	137866	51.951	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	135748	50.174	ug/l	97
89) n-Butylbenzene	12.329	91	238610	54.597	ug/l	98
90) Hexachloroethane	12.536	117	42330	50.220	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	138525	51.725	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22001	52.500	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	78738	49.869	ug/l	99
94) Hexachlorobutadiene	13.725	225	29087	46.613	ug/l	99
95) Naphthalene	13.774	128	336161	59.146	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80961	50.661	ug/l	96

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

