

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042126.D
 Acq On : 01 Jul 2024 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 02:11:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/02/2024

Supervised By :Mahesh
 Dadoda
 07/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159477	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119487	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	79640	43.307	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.620%
35) Dibromofluoromethane	5.385	113	76726	47.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.300%
50) Toluene-d8	8.647	98	258686	45.254	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.500%#
62) 4-Bromofluorobenzene	11.079	95	101660	48.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	82741	68.102	ug/l	97
3) Chloromethane	1.301	50	86586	56.807	ug/l	98
4) Vinyl Chloride	1.374	62	85968	56.266	ug/l	100
5) Bromomethane	1.593	94	40731	53.987	ug/l	99
6) Chloroethane	1.666	64	45429	72.941	ug/l	99
7) Trichlorofluoromethane	1.868	101	129278	64.582	ug/l	97
8) Diethyl Ether	2.136	74	49102	52.256	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	81648	59.211	ug/l	85
10) Methyl Iodide	2.441	142	101592	59.275	ug/l	# 86
11) Tert butyl alcohol	2.995	59	98563	282.411	ug/l	# 94
12) 1,1-Dichloroethene	2.307	96	80908	58.821	ug/l	83
13) Acrolein	2.239	56	121571	310.749	ug/l	100
14) Allyl chloride	2.660	41	123969	56.828	ug/l	87
15) Acrylonitrile	3.069	53	254983	279.708	ug/l	96
16) Acetone	2.392	43	190185	235.525	ug/l	# 89
17) Carbon Disulfide	2.502	76	178437	63.623	ug/l	99
18) Methyl Acetate	2.709	43	105488	47.888	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	264620	58.232	ug/l	99
20) Methylene Chloride	2.782	84	93364	52.804	ug/l	# 89
21) trans-1,2-Dichloroethene	3.087	96	82676	59.223	ug/l	84
22) Diisopropyl ether	3.764	45	258943	56.157	ug/l	90
23) Vinyl Acetate	3.721	43	1176171	298.679	ug/l	# 95
24) 1,1-Dichloroethane	3.605	63	147968	57.303	ug/l	96
25) 2-Butanone	4.568	43	341218	271.614	ug/l	90
26) 2,2-Dichloropropane	4.471	77	99174	53.036	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	102671	58.722	ug/l	84
28) Bromochloromethane	4.898	49	49127	44.419	ug/l	# 73
29) Tetrahydrofuran	5.013	42	223875	275.934	ug/l	92
30) Chloroform	5.093	83	152796	56.797	ug/l	93
31) Cyclohexane	5.465	56	125599	58.401	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	133651	59.456	ug/l	95
36) 1,1-Dichloropropene	5.690	75	102682	59.427	ug/l	95
37) Ethyl Acetate	4.721	43	130769	58.098	ug/l	96
38) Carbon Tetrachloride	5.672	117	115457	60.477	ug/l	99
39) Methylcyclohexane	7.379	83	134637	61.613	ug/l	92
40) Benzene	6.038	78	342533	58.778	ug/l	99

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41) Methacrylonitrile	4.922	41	71992	59.004	ug/l	91
42) 1,2-Dichloroethane	6.086	62	107557	57.299	ug/l	91
43) Isopropyl Acetate	6.348	43	196138	56.771	ug/l #	93
44) Trichloroethene	7.123	130	94010	60.183	ug/l	86
45) 1,2-Dichloropropane	7.428	63	82704	57.718	ug/l	97
46) Dibromomethane	7.580	93	61401	58.811	ug/l #	74
47) Bromodichloromethane	7.824	83	113665	59.298	ug/l	97
48) Methyl methacrylate	7.696	41	97107	58.894	ug/l #	84
49) 1,4-Dioxane	7.665	88	50655	1157.849	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	673381	282.948	ug/l	94
52) Toluene	8.720	92	222947	60.079	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	115145	56.485	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	129292	61.609	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	92647	59.931	ug/l	98
56) Ethyl methacrylate	9.116	69	148168	61.609	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	145857	58.399	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	306330	273.328	ug/l	92
59) 2-Hexanone	9.433	43	521371	286.031	ug/l	91
60) Dibromochloromethane	9.519	129	104706	62.354	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97266	60.670	ug/l	99
64) Tetrachloroethene	9.275	164	92666	60.149	ug/l	90
65) Chlorobenzene	10.080	112	258270	58.689	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	92550	60.069	ug/l	98
67) Ethyl Benzene	10.195	91	419934	60.891	ug/l	97
68) m/p-Xylenes	10.299	106	339031	121.781	ug/l	90
69) o-Xylene	10.640	106	170047	61.696	ug/l	90
70) Styrene	10.653	104	288269	62.371	ug/l	94
71) Bromoform	10.799	173	86166	57.459	ug/l #	99
73) Isopropylbenzene	10.964	105	431096	59.336	ug/l	96
74) N-amyl acetate	10.842	43	182722	56.619	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	145156	53.733	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	133410m	61.503	ug/l	
77) Bromobenzene	11.195	156	123222	56.947	ug/l	77
78) n-propylbenzene	11.305	91	468728	59.460	ug/l	96
79) 2-Chlorotoluene	11.366	91	291176	57.330	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	360375	59.552	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	41782	54.702	ug/l	87
82) 4-Chlorotoluene	11.451	91	328246	58.463	ug/l	91
83) tert-Butylbenzene	11.713	119	385554	58.065	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	365636	60.225	ug/l	93
85) sec-Butylbenzene	11.890	105	449559	59.858	ug/l	95
86) p-Isopropyltoluene	12.006	119	397923	60.653	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	220367	57.941	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	220172	56.421	ug/l	95
89) n-Butylbenzene	12.329	91	303891	60.174	ug/l	96
90) Hexachloroethane	12.536	117	66115	59.192	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	225623	57.974	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31308	58.482	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	152058	59.643	ug/l	96
94) Hexachlorobutadiene	13.725	225	73491	57.006	ug/l	99
95) Naphthalene	13.774	128	474793	55.342	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	157499	58.575	ug/l	95

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

