

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042171.D
 Acq On : 03 Jul 2024 17:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 04 07:30:06 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

07/05/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158335	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	231018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119370	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	83433	45.697	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.400%
35) Dibromofluoromethane	5.385	113	79081	48.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.647	98	261862	45.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.940%#
62) 4-Bromofluorobenzene	11.079	95	104844	49.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	74945	62.130	ug/l	97
3) Chloromethane	1.301	50	85979	56.816	ug/l	99
4) Vinyl Chloride	1.374	62	80886	53.322	ug/l	99
5) Bromomethane	1.593	94	41964	56.022	ug/l	99
6) Chloroethane	1.660	64	38702	62.122	ug/l	96
7) Trichlorofluoromethane	1.867	101	100618	50.627	ug/l	100
8) Diethyl Ether	2.136	74	46787	50.151	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.313	101	74327	54.290	ug/l #	84
10) Methyl Iodide	2.441	142	93629	55.023	ug/l #	87
11) Tert butyl alcohol	3.001	59	90640	261.582	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	75517	55.298	ug/l	82
13) Acrolein	2.239	56	83062	213.847	ug/l	98
14) Allyl chloride	2.660	41	111343	51.409	ug/l #	88
15) Acrylonitrile	3.075	53	243180	268.685	ug/l	98
16) Acetone	2.392	43	192176	239.707	ug/l #	89
17) Carbon Disulfide	2.502	76	160786	57.743	ug/l	100
18) Methyl Acetate	2.709	43	102676	46.948	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	249307	55.258	ug/l	100
20) Methylene Chloride	2.788	84	87381	49.776	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	75988	54.825	ug/l	84
22) Diisopropyl ether	3.770	45	243123	53.106	ug/l #	81
23) Vinyl Acetate	3.727	43	1098634	281.002	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	139593	54.449	ug/l	96
25) 2-Butanone	4.568	43	324166	259.901	ug/l	92
26) 2,2-Dichloropropane	4.471	77	90393	48.689	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	94804	54.613	ug/l	84
28) Bromochloromethane	4.897	49	51313	46.730	ug/l #	70
29) Tetrahydrofuran	5.013	42	208790	259.197	ug/l	90
30) Chloroform	5.093	83	145115	54.331	ug/l	99
31) Cyclohexane	5.464	56	117255	54.914	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	126098	56.500	ug/l	96
36) 1,1-Dichloropropene	5.690	75	95080	54.623	ug/l	94
37) Ethyl Acetate	4.721	43	122581	54.061	ug/l	97
38) Carbon Tetrachloride	5.672	117	109072	56.713	ug/l	99
39) Methylcyclohexane	7.379	83	121488	55.187	ug/l	91
40) Benzene	6.037	78	320854	54.654	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	66945	54.465	ug/l	91
42) 1,2-Dichloroethane	6.086	62	102098	53.991	ug/l	91
43) Isopropyl Acetate	6.348	43	185493	53.295	ug/l #	93
44) Trichloroethene	7.123	130	87364	55.518	ug/l	87
45) 1,2-Dichloropropane	7.427	63	78770	54.568	ug/l	100
46) Dibromomethane	7.580	93	58101	55.241	ug/l #	77
47) Bromodichloromethane	7.824	83	107906	55.880	ug/l	97
48) Methyl methacrylate	7.696	41	92105	55.450	ug/l #	84
49) 1,4-Dioxane	7.665	88	43064	980.218	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	640106	266.990	ug/l	94
52) Toluene	8.720	92	207683	55.555	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107997	52.751	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120821	57.150	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	85953	55.192	ug/l	97
56) Ethyl methacrylate	9.116	69	139746	57.680	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	137585	54.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	301672	267.195	ug/l	91
59) 2-Hexanone	9.433	43	495254	269.707	ug/l	91
60) Dibromochloromethane	9.519	129	97046	57.368	ug/l	99
61) 1,2-Dibromoethane	9.610	107	90874	56.266	ug/l	99
64) Tetrachloroethene	9.275	164	85755	55.395	ug/l	90
65) Chlorobenzene	10.079	112	240592	54.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	86962	56.171	ug/l	98
67) Ethyl Benzene	10.195	91	390968	56.418	ug/l	97
68) m/p-Xylenes	10.299	106	313609	112.107	ug/l	91
69) o-Xylene	10.640	106	156828	56.626	ug/l	92
70) Styrene	10.653	104	269388	58.005	ug/l	93
71) Bromoform	10.799	173	79704	53.154	ug/l #	99
73) Isopropylbenzene	10.963	105	399708	55.070	ug/l	96
74) N-amyl acetate	10.841	43	169615	52.609	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	138028	51.144	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110824m	51.141	ug/l	
77) Bromobenzene	11.195	156	116369	53.833	ug/l	78
78) n-propylbenzene	11.305	91	432392	54.905	ug/l	95
79) 2-Chlorotoluene	11.366	91	271851	53.577	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	334221	55.284	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	39790	52.145	ug/l	86
82) 4-Chlorotoluene	11.451	91	304866	54.352	ug/l	91
83) tert-Butylbenzene	11.713	119	361842	54.547	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	341278	56.268	ug/l	93
85) sec-Butylbenzene	11.890	105	421537	56.182	ug/l	95
86) p-Isopropyltoluene	12.006	119	368246	56.185	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	204484	53.818	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	204684	52.504	ug/l	95
89) n-Butylbenzene	12.335	91	279840	55.466	ug/l	97
90) Hexachloroethane	12.536	117	60811	54.497	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	210007	54.015	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29724	55.577	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.585	180	144276	56.646	ug/l	95
94) Hexachlorobutadiene	13.725	225	69270	53.785	ug/l	100
95) Naphthalene	13.774	128	447086	52.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149740	55.744	ug/l	95

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

