

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038667.D
 Acq On : 08 Nov 2023 19:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 09 01:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	289273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	441133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178756	49.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	160202	50.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.647	98	560121	49.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	220957	50.127	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	150132	49.976	ug/l	99
3) Chloromethane	1.300	50	127155	48.972	ug/l	99
4) Vinyl Chloride	1.374	62	137270	49.661	ug/l	98
5) Bromomethane	1.599	94	107443	50.360	ug/l	97
6) Chloroethane	1.685	64	88251	50.424	ug/l	99
7) Trichlorofluoromethane	1.886	101	243587	51.115	ug/l	100
8) Diethyl Ether	2.136	74	83857	51.260	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	139583	49.538	ug/l	89
10) Methyl Iodide	2.453	142	203240	58.404	ug/l	92
11) Tert butyl alcohol	2.959	59	180331	244.945	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	134892	49.967	ug/l	# 78
13) Acrolein	2.233	56	136529	244.680	ug/l	99
14) Allyl chloride	2.666	41	192512	49.787	ug/l	# 95
15) Acrylonitrile	3.062	53	409600	263.627	ug/l	99
16) Acetone	2.380	43	362338	238.898	ug/l	91
17) Carbon Disulfide	2.514	76	340688	47.494	ug/l	99
18) Methyl Acetate	2.703	43	338199	52.339	ug/l	# 87
19) Methyl tert-butyl Ether	3.111	73	456837	52.917	ug/l	97
20) Methylene Chloride	2.788	84	156154	51.073	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	150427	51.182	ug/l	84
22) Diisopropyl ether	3.763	45	382030	52.421	ug/l	# 82
23) Vinyl Acetate	3.721	43	1387608	268.256	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	245556	50.929	ug/l	97
25) 2-Butanone	4.556	43	561713	255.656	ug/l	# 87
26) 2,2-Dichloropropane	4.477	77	190428	45.234	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	175621	51.746	ug/l	84
28) Bromochloromethane	4.897	49	113865	52.550	ug/l	# 58
29) Tetrahydrofuran	5.001	42	359916	263.289	ug/l	# 82
30) Chloroform	5.092	83	287996	50.908	ug/l	98
31) Cyclohexane	5.470	56	188932	47.402	ug/l	# 84
32) 1,1,1-Trichloroethane	5.385	97	253027	50.823	ug/l	96
36) 1,1-Dichloropropene	5.696	75	193617	49.059	ug/l	95
37) Ethyl Acetate	4.714	43	207447	51.482	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	226253	51.281	ug/l	99
39) Methylcyclohexane	7.379	83	235897	47.807	ug/l	91
40) Benzene	6.037	78	580083	51.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	108595	52.899	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	218541	53.281	ug/l	96
43) Isopropyl Acetate	6.342	43	321844	51.953	ug/l #	92
44) Trichloroethene	7.123	130	179009	50.612	ug/l	93
45) 1,2-Dichloropropane	7.433	63	142544	51.872	ug/l	99
46) Dibromomethane	7.580	93	122198	53.173	ug/l #	87
47) Bromodichloromethane	7.824	83	223045	51.608	ug/l	97
48) Methyl methacrylate	7.690	41	160057	53.612	ug/l #	84
49) 1,4-Dioxane	7.659	88	79023	1162.716	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	1079021	267.338	ug/l	91
52) Toluene	8.720	92	384446	51.627	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	227516	51.707	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	242105	52.121	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	170766	54.046	ug/l	97
56) Ethyl methacrylate	9.116	69	245123	55.450	ug/l	86
57) 1,3-Dichloropropane	9.305	76	261970	53.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	596317	274.358	ug/l	90
59) 2-Hexanone	9.427	43	865761	265.098	ug/l	90
60) Dibromochloromethane	9.518	129	190728	53.774	ug/l	100
61) 1,2-Dibromoethane	9.610	107	192283	54.149	ug/l	100
64) Tetrachloroethene	9.275	164	156001	48.802	ug/l	96
65) Chlorobenzene	10.079	112	445865	51.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	171687	52.535	ug/l	99
67) Ethyl Benzene	10.195	91	749678	50.981	ug/l	98
68) m/p-Xylenes	10.299	106	597761	102.423	ug/l	95
69) o-Xylene	10.640	106	294306	51.855	ug/l	96
70) Styrene	10.652	104	495729	52.923	ug/l	96
71) Bromoform	10.799	173	155749	53.995	ug/l #	100
73) Isopropylbenzene	10.963	105	762412	49.692	ug/l	97
74) N-amyl acetate	10.841	43	280127	52.548	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	274000	51.658	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	223489m	45.122	ug/l	
77) Bromobenzene	11.195	156	211011	50.112	ug/l	82
78) n-propylbenzene	11.305	91	884195	49.524	ug/l	97
79) 2-Chlorotoluene	11.366	91	529566	49.542	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	666518	50.476	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	76238	48.329	ug/l	87
82) 4-Chlorotoluene	11.451	91	629169	50.384	ug/l	93
83) tert-Butylbenzene	11.713	119	667386	49.879	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	666643	50.901	ug/l	96
85) sec-Butylbenzene	11.890	105	822352	49.256	ug/l	96
86) p-Isopropyltoluene	12.006	119	716655	50.389	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	398250	49.469	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	404081	48.832	ug/l	97
89) n-Butylbenzene	12.335	91	622876	49.214	ug/l	97
90) Hexachloroethane	12.536	117	122280	50.758	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	394435	50.168	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70221	52.675	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	282483	50.233	ug/l	95
94) Hexachlorobutadiene	13.725	225	115664	47.666	ug/l	98
95) Naphthalene	13.774	128	894655	52.742	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	276216	49.833	ug/l	98

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

