

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038695.D
 Acq On : 10 Nov 2023 00:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 10 05:10:22 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 11/10/2023
 Supervised By : Mahesh Dadoda 11/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	307409	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	477819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186716	48.787	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.385	113	171238	49.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.520%		
50) Toluene-d8	8.647	98	605861	49.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	238155	49.880	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	156692	49.083	ug/l	98
3) Chloromethane	1.295	50	129132	46.799	ug/l	98
4) Vinyl Chloride	1.374	62	142668	48.569	ug/l	99
5) Bromomethane	1.599	94	108811	47.992	ug/l	99
6) Chloroethane	1.685	64	91078	48.969	ug/l	98
7) Trichlorofluoromethane	1.886	101	254470	50.249	ug/l	98
8) Diethyl Ether	2.136	74	87972	50.603	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	144838	48.370	ug/l	89
10) Methyl Iodide	2.453	142	213308	57.680	ug/l	91
11) Tert butyl alcohol	2.959	59	190845	243.933	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	141247	49.234	ug/l	# 77
13) Acrolein	2.233	56	124459	209.889	ug/l	99
14) Allyl chloride	2.666	41	191427	46.585	ug/l	# 93
15) Acrylonitrile	3.063	53	424895	257.338	ug/l	99
16) Acetone	2.380	43	350238	217.297	ug/l	# 88
17) Carbon Disulfide	2.514	76	350015	45.916	ug/l	98
18) Methyl Acetate	2.703	43	368589	53.676	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	467534	50.961	ug/l	95
20) Methylene Chloride	2.788	84	159226	49.005	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	156558	50.126	ug/l	# 81
22) Diisopropyl ether	3.764	45	391875	50.600	ug/l	# 79
23) Vinyl Acetate	3.721	43	1291319	234.914	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	251745	49.132	ug/l	97
25) 2-Butanone	4.550	43	558931	239.382	ug/l	# 86
26) 2,2-Dichloropropane	4.477	77	178412	39.880	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	181961	50.451	ug/l	83
28) Bromochloromethane	4.898	49	119327	51.821	ug/l	# 57
29) Tetrahydrofuran	5.001	42	363653	250.328	ug/l	# 81
30) Chloroform	5.093	83	293716	48.856	ug/l	96
31) Cyclohexane	5.471	56	197725	46.681	ug/l	# 84
32) 1,1,1-Trichloroethane	5.385	97	262859	49.683	ug/l	95
36) 1,1-Dichloropropene	5.696	75	202419	47.351	ug/l	94
37) Ethyl Acetate	4.709	43	209705	48.047	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	231808	48.506	ug/l	98
39) Methylcyclohexane	7.379	83	243211	45.505	ug/l	90
40) Benzene	6.038	78	601564	48.857	ug/l	99

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41) Methacrylonitrile	4.916	41	112247	50.480	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	221106	49.768	ug/l	95
43) Isopropyl Acetate	6.336	43	324275	48.327	ug/l #	91
44) Trichloroethene	7.123	130	188098	49.099	ug/l	92
45) 1,2-Dichloropropane	7.428	63	146813	49.324	ug/l	99
46) Dibromomethane	7.580	93	122764	49.318	ug/l #	85
47) Bromodichloromethane	7.818	83	226289	48.338	ug/l	96
48) Methyl methacrylate	7.690	41	160870	49.748	ug/l #	83
49) 1,4-Dioxane	7.659	88	75664	1027.817	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	1098291	251.220	ug/l	91
52) Toluene	8.720	92	403056	49.970	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	230554	48.374	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	246460	48.985	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	175317	51.227	ug/l	98
56) Ethyl methacrylate	9.116	69	250189	52.250	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	270181	50.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	622567	264.443	ug/l	90
59) 2-Hexanone	9.427	43	868838	245.614	ug/l	89
60) Dibromochloromethane	9.519	129	196446	51.134	ug/l	100
61) 1,2-Dibromoethane	9.610	107	194972	50.691	ug/l	100
64) Tetrachloroethene	9.275	164	171574	50.108	ug/l	96
65) Chlorobenzene	10.080	112	465524	49.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	177846	50.805	ug/l	98
67) Ethyl Benzene	10.195	91	787746	50.011	ug/l	98
68) m/p-Xylenes	10.299	106	627519	100.379	ug/l	95
69) o-Xylene	10.640	106	309132	50.849	ug/l	95
70) Styrene	10.653	104	523249	52.150	ug/l	95
71) Bromoform	10.799	173	156602	50.684	ug/l #	99
73) Isopropylbenzene	10.964	105	805956	49.962	ug/l	97
74) N-amyl acetate	10.842	43	273437	48.785	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	276180	49.523	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	259562m	49.843	ug/l	
77) Bromobenzene	11.195	156	219231	49.518	ug/l	82
78) n-propylbenzene	11.305	91	919245	48.969	ug/l	96
79) 2-Chlorotoluene	11.366	91	558591	49.702	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	697243	50.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75385	45.717	ug/l	85
82) 4-Chlorotoluene	11.451	91	655986	49.963	ug/l	94
83) tert-Butylbenzene	11.713	119	695342	49.428	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	698676	50.739	ug/l	96
85) sec-Butylbenzene	11.890	105	863091	49.168	ug/l	96
86) p-Isopropyltoluene	12.006	119	752914	50.350	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	413842	48.892	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	418182	48.066	ug/l	97
89) n-Butylbenzene	12.329	91	646090	48.553	ug/l	96
90) Hexachloroethane	12.536	117	126592	49.978	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	407530	49.300	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70267	50.132	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	292791	49.520	ug/l	97
94) Hexachlorobutadiene	13.725	225	121603	47.664	ug/l	100
95) Naphthalene	13.774	128	914570	51.280	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	290358	49.824	ug/l	98

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

