

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX090322\
 Data File : VX031081.D
 Acq On : 03 Sep 2022 14:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 06 00:04:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	190602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	296521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115089	46.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.860%		
35) Dibromofluoromethane	5.385	113	112478	51.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.960%		
50) Toluene-d8	8.653	98	395302	49.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	141755	50.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88708	45.231	ug/l	97
3) Chloromethane	1.288	50	71500	43.929	ug/l	99
4) Vinyl Chloride	1.374	62	85418	41.694	ug/l	95
5) Bromomethane	1.611	94	56064	61.213	ug/l	98
6) Chloroethane	1.685	64	35651	28.935	ug/l	96
7) Trichlorofluoromethane	1.886	101	168477	48.668	ug/l	96
8) Diethyl Ether	2.136	74	54394	45.053	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	108837	47.466	ug/l	92
10) Methyl Iodide	2.453	142	147232	65.395	ug/l	96
11) Tert butyl alcohol	3.001	59	126988	256.853	ug/l	98
12) 1,1-Dichloroethene	2.319	96	105111	47.469	ug/l	95
13) Acrolein	2.239	56	62425	139.099	ug/l	100
14) Allyl chloride	2.666	41	130191	44.272	ug/l #	89
15) Acrylonitrile	3.069	53	263924	229.534	ug/l	98
16) Acetone	2.392	43	215277	227.380	ug/l	98
17) Carbon Disulfide	2.514	76	249907	43.458	ug/l	99
18) Methyl Acetate	2.709	43	121552	44.678	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	327181	47.979	ug/l	94
20) Methylene Chloride	2.788	84	113856	49.396	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	113055	45.884	ug/l	89
22) Diisopropyl ether	3.764	45	268712	45.350	ug/l #	86
23) Vinyl Acetate	3.727	43	1130514	236.210	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	183865	46.051	ug/l	99
25) 2-Butanone	4.568	43	328788	224.944	ug/l	90
26) 2,2-Dichloropropane	4.477	77	137029	43.008	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	128843	46.657	ug/l	93
28) Bromochloromethane	4.897	49	53222	44.992	ug/l #	58
29) Tetrahydrofuran	5.013	42	205390	217.965	ug/l #	80
30) Chloroform	5.099	83	205130	46.850	ug/l	100
31) Cyclohexane	5.471	56	152558	45.537	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	183134	48.793	ug/l	95
36) 1,1-Dichloropropene	5.690	75	144853	47.791	ug/l	98
37) Ethyl Acetate	4.721	43	124861	47.412	ug/l #	94
38) Carbon Tetrachloride	5.678	117	164145	52.172	ug/l	96
39) Methylcyclohexane	7.379	83	186149	49.555	ug/l	92
40) Benzene	6.044	78	432191	49.665	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	68121	48.518	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	146401	51.000	ug/l	99
43) Isopropyl Acetate	6.342	43	197530	47.992	ug/l #	90
44) Trichloroethene	7.129	130	131997	47.923	ug/l	98
45) 1,2-Dichloropropane	7.434	63	106835	47.896	ug/l	99
46) Dibromomethane	7.580	93	81949	49.087	ug/l #	89
47) Bromodichloromethane	7.824	83	156930	50.314	ug/l	95
48) Methyl methacrylate	7.696	41	102278	49.222	ug/l	88
49) 1,4-Dioxane	7.690	88	61806	977.920	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	635071	240.021	ug/l	89
52) Toluene	8.720	92	285844	50.651	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	160490	51.968	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	174441	50.516	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	121509	50.646	ug/l	96
56) Ethyl methacrylate	9.116	69	170433	51.963	ug/l	86
57) 1,3-Dichloropropane	9.311	76	183423	48.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	400648	244.621	ug/l	91
59) 2-Hexanone	9.433	43	496332	248.056	ug/l	90
60) Dibromochloromethane	9.525	129	132529	53.199	ug/l	99
61) 1,2-Dibromoethane	9.610	107	132900	52.470	ug/l	99
64) Tetrachloroethene	9.275	164	117553	44.270	ug/l	97
65) Chlorobenzene	10.079	112	314207	49.469	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	124206	52.959	ug/l	98
67) Ethyl Benzene	10.195	91	548845	50.439	ug/l	100
68) m/p-Xylenes	10.305	106	430187	100.800	ug/l	100
69) o-Xylene	10.646	106	210896	50.387	ug/l	98
70) Styrene	10.659	104	354522	52.339	ug/l	100
71) Bromoform	10.799	173	103496	56.753	ug/l	98
73) Isopropylbenzene	10.963	105	561126	49.441	ug/l	99
74) N-amyl acetate	10.842	43	168524	49.193	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	176009	48.496	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	166592m	50.055	ug/l	
77) Bromobenzene	11.201	156	141070	48.210	ug/l	86
78) n-propylbenzene	11.305	91	637517	49.320	ug/l	97
79) 2-Chlorotoluene	11.366	91	383643	48.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	465983	48.790	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51166	48.315	ug/l	93
82) 4-Chlorotoluene	11.457	91	430983	48.392	ug/l	98
83) tert-Butylbenzene	11.719	119	503101	52.925	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	484518	51.040	ug/l	97
85) sec-Butylbenzene	11.890	105	594096	47.715	ug/l	99
86) p-Isopropyltoluene	12.012	119	511298	51.853	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	261615	46.675	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	270695	48.494	ug/l	100
89) n-Butylbenzene	12.335	91	449688	50.578	ug/l	96
90) Hexachloroethane	12.542	117	97807	54.733	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	286131	49.773	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48694	55.067	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	209446	57.567	ug/l	98
94) Hexachlorobutadiene	13.725	225	85106	53.426	ug/l	98
95) Naphthalene	13.780	128	658264	51.582	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	207635	54.406	ug/l	96

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

