

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033380.D
 Acq On : 13 Dec 2022 10:13
 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 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42707	45.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.580%		
35) Dibromofluoromethane	5.379	113	49735	48.372	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	109983	51.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.079	95	88425	53.767	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50678	49.359	ug/l	100
3) Chloromethane	1.294	50	48843	41.144	ug/l	99
4) Vinyl Chloride	1.374	62	57305	42.277	ug/l	96
5) Bromomethane	1.618	94	41022	41.239	ug/l	96
6) Chloroethane	1.691	64	47253	45.960	ug/l	99
7) Trichlorofluoromethane	1.886	101	115597	45.425	ug/l	99
8) Diethyl Ether	2.130	74	30001	32.640	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	69005	51.118	ug/l	98
10) Methyl Iodide	2.453	142	62518	42.286	ug/l	98
11) Tert butyl alcohol	3.014	59	54068	187.551	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	63518	47.668	ug/l	93
13) Acrolein	2.239	56	66301	212.055	ug/l	100
14) Allyl chloride	2.666	41	97552	45.844	ug/l	96
15) Acrylonitrile	3.062	53	147659	206.772	ug/l	98
16) Acetone	2.392	43	207967	298.058	ug/l	99
17) Carbon Disulfide	2.514	76	157169	45.957	ug/l	98
18) Methyl Acetate	2.703	43	84514	41.841	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	216495	46.905	ug/l	100
20) Methylene Chloride	2.788	84	68983	44.331	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	69795	47.883	ug/l	95
22) Diisopropyl ether	3.757	45	219871	48.227	ug/l	98
23) Vinyl Acetate	3.721	43	819457	231.574	ug/l	97
24) 1,1-Dichloroethane	3.611	63	124070	46.316	ug/l	100
25) 2-Butanone	4.556	43	242678	242.302	ug/l	99
26) 2,2-Dichloropropane	4.477	77	104321	52.956	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	84063	48.256	ug/l	97
28) Bromochloromethane	4.891	49	52602	46.910	ug/l	92
29) Tetrahydrofuran	5.001	42	131933	203.316	ug/l	96
30) Chloroform	5.086	83	144941	48.738	ug/l	97
31) Cyclohexane	5.470	56	111934	49.950	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	132454	51.766	ug/l	98
36) 1,1-Dichloropropene	5.690	75	103130	51.447	ug/l	99
37) Ethyl Acetate	4.708	43	82176	43.367	ug/l	99
38) Carbon Tetrachloride	5.672	117	119504	53.208	ug/l	99
39) Methylcyclohexane	7.379	83	123198	54.907	ug/l	99
40) Benzene	6.037	78	294177	50.332	ug/l	99

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41) Methacrylonitrile	4.916	41	47908	45.881	ug/l	97
42) 1,2-Dichloroethane	6.080	62	114820	49.471	ug/l	99
43) Isopropyl Acetate	6.336	43	140033	45.929	ug/l	97
44) Trichloroethene	7.123	130	85189	52.864	ug/l	98
45) 1,2-Dichloropropane	7.427	63	73075	48.888	ug/l	97
46) Dibromomethane	7.580	93	56289	49.434	ug/l	97
47) Bromodichloromethane	7.818	83	116317	52.404	ug/l	98
48) Methyl methacrylate	7.690	41	72608	46.143	ug/l	92
49) 1,4-Dioxane	7.714	88	31140	867.840	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	439028	227.700	ug/l	97
52) Toluene	8.714	92	200202	52.978	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116318	48.843	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	126601	53.600	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	81040	51.016	ug/l	98
56) Ethyl methacrylate	9.116	69	112844	50.454	ug/l	91
57) 1,3-Dichloropropane	9.305	76	128298	50.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	243933	238.364	ug/l	97
59) 2-Hexanone	9.427	43	354764	249.679	ug/l	95
60) Dibromochloromethane	9.519	129	94682	54.098	ug/l	100
61) 1,2-Dibromoethane	9.610	107	85046	50.333	ug/l	99
64) Tetrachloroethene	9.275	164	75748	52.772	ug/l	98
65) Chlorobenzene	10.079	112	219575	51.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85540	53.250	ug/l	99
67) Ethyl Benzene	10.195	91	394409	53.259	ug/l	98
68) m/p-Xylenes	10.299	106	309926	107.567	ug/l	98
69) o-Xylene	10.640	106	149507	52.497	ug/l	97
70) Styrene	10.652	104	252566	54.149	ug/l	98
71) Bromoform	10.799	173	69035	54.293	ug/l #	99
73) Isopropylbenzene	10.963	105	404351	51.939	ug/l	100
74) N-amyl acetate	10.841	43	124607	46.913	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	113116	45.800	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104190m	47.679	ug/l	
77) Bromobenzene	11.195	156	97767	49.732	ug/l	97
78) n-propylbenzene	11.305	91	459752	52.889	ug/l	99
79) 2-Chlorotoluene	11.366	91	273311	50.875	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	341223	52.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33261	47.347	ug/l	93
82) 4-Chlorotoluene	11.451	91	318148	50.930	ug/l	98
83) tert-Butylbenzene	11.713	119	334432	51.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	336895	52.080	ug/l	99
85) sec-Butylbenzene	11.890	105	407653	54.068	ug/l	99
86) p-Isopropyltoluene	12.006	119	353282	54.348	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	185466	52.081	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	187209	51.467	ug/l	99
89) n-Butylbenzene	12.335	91	295919	55.582	ug/l	99
90) Hexachloroethane	12.536	117	58261	52.729	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	179670	50.465	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23664	44.358	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	112890	52.501	ug/l	99
94) Hexachlorobutadiene	13.725	225	46401	53.890	ug/l	98
95) Naphthalene	13.774	128	360444	50.254	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	111490	51.195	ug/l	100

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

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