

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028639.D
 Acq On : 12 May 2022 15:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051222

Quant Time: May 13 02:46:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159937	52.477	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.960%			
35) Dibromofluoromethane	5.385	113	129941	53.470	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.940%			
50) Toluene-d8	8.653	98	493778	53.893	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.780%			
62) 4-Bromofluorobenzene	11.079	95	188310	55.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	156478	53.748	ug/l	100
3) Chloromethane	1.288	50	136315	49.718	ug/l	98
4) Vinyl Chloride	1.374	62	152186	51.507	ug/l	98
5) Bromomethane	1.599	94	115324	55.842	ug/l	99
6) Chloroethane	1.678	64	100106	53.959	ug/l	99
7) Trichlorofluoromethane	1.880	101	241832	51.336	ug/l	100
8) Diethyl Ether	2.130	74	88150	51.355	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	125064	50.451	ug/l	94
10) Methyl Iodide	2.453	142	145726	49.102	ug/l	94
11) Tert butyl alcohol	2.965	59	169780	262.905	ug/l	100
12) 1,1-Dichloroethene	2.319	96	118189	51.362	ug/l	98
13) Acrolein	2.233	56	113514	226.913	ug/l	99
14) Allyl chloride	2.660	41	192614	52.189	ug/l	91
15) Acrylonitrile	3.062	53	382530	260.505	ug/l	99
16) Acetone	2.380	43	360404	275.533	ug/l	92
17) Carbon Disulfide	2.508	76	311627	52.243	ug/l	99
18) Methyl Acetate	2.703	43	168313	51.376	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	432790	53.000	ug/l	99
20) Methylene Chloride	2.788	84	136466	49.729	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	135505	52.279	ug/l	98
22) Diisopropyl ether	3.757	45	417633	52.953	ug/l #	79
23) Vinyl Acetate	3.721	43	1841425	270.832	ug/l	97
24) 1,1-Dichloroethane	3.605	63	242693	52.931	ug/l	99
25) 2-Butanone	4.556	43	551322	268.522	ug/l	96
26) 2,2-Dichloropropane	4.477	77	199776	55.570	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	158376	52.317	ug/l	97
28) Bromochloromethane	4.897	49	100298	51.969	ug/l	93
29) Tetrahydrofuran	5.001	42	350065	262.302	ug/l	93
30) Chloroform	5.092	83	257585	51.909	ug/l	97
31) Cyclohexane	5.470	56	219977	51.999	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	226523	52.290	ug/l	99
36) 1,1-Dichloropropene	5.690	75	191636	52.502	ug/l	99
37) Ethyl Acetate	4.708	43	210006	55.085	ug/l	97
38) Carbon Tetrachloride	5.678	117	199732	54.374	ug/l	99
39) Methylcyclohexane	7.385	83	227455	54.338	ug/l	95
40) Benzene	6.037	78	554092	52.820	ug/l	100

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41) Methacrylonitrile	4.922	41	109578	53.606	ug/l	93
42) 1,2-Dichloroethane	6.086	62	203822	52.676	ug/l	98
43) Isopropyl Acetate	6.342	43	328667	55.105	ug/l	95
44) Trichloroethene	7.129	130	152661	53.659	ug/l	99
45) 1,2-Dichloropropane	7.434	63	139261	53.208	ug/l	99
46) Dibromomethane	7.580	93	103047	52.721	ug/l	92
47) Bromodichloromethane	7.824	83	198109	54.593	ug/l	100
48) Methyl methacrylate	7.696	41	160193	55.600	ug/l	86
49) 1,4-Dioxane	7.659	88	77311	1074.094	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1071387	272.712	ug/l	94
52) Toluene	8.720	92	363407	53.853	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	213946	51.178	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	231259	56.637	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	146513	53.245	ug/l	98
56) Ethyl methacrylate	9.116	69	234733	56.332	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	247994	53.434	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	560980	274.979	ug/l	99
59) 2-Hexanone	9.433	43	857884	281.064	ug/l	92
60) Dibromochloromethane	9.525	129	152083	56.671	ug/l	96
61) 1,2-Dibromoethane	9.610	107	159190	55.081	ug/l	99
64) Tetrachloroethene	9.275	164	141339	54.344	ug/l	98
65) Chlorobenzene	10.079	112	388828	53.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	143147	55.308	ug/l	99
67) Ethyl Benzene	10.195	91	714056	54.525	ug/l	99
68) m/p-Xylenes	10.305	106	560201	109.874	ug/l	99
69) o-Xylene	10.640	106	272495	54.284	ug/l	99
70) Styrene	10.659	104	459116	56.320	ug/l	98
71) Bromoform	10.799	173	109272	50.912	ug/l #	100
73) Isopropylbenzene	10.963	105	710624	52.313	ug/l	99
74) N-amyl acetate	10.841	43	299121	56.017	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	239729	51.442	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	219886m	52.416	ug/l	
77) Bromobenzene	11.201	156	170427	53.024	ug/l	97
78) n-propylbenzene	11.305	91	838068	53.336	ug/l	100
79) 2-Chlorotoluene	11.366	91	499932	51.910	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	607554	53.676	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	71450	50.748	ug/l	88
82) 4-Chlorotoluene	11.457	91	585181	52.560	ug/l	99
83) tert-Butylbenzene	11.719	119	586199	53.490	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	611520	53.876	ug/l	99
85) sec-Butylbenzene	11.890	105	723387	53.512	ug/l	99
86) p-Isopropyltoluene	12.012	119	620041	54.661	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	333024	52.825	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	333168	50.950	ug/l	98
89) n-Butylbenzene	12.335	91	536880	54.625	ug/l	98
90) Hexachloroethane	12.542	117	101089	55.108	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	329668	53.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52909	53.171	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	189756	53.049	ug/l	99
94) Hexachlorobutadiene	13.725	225	76727	52.800	ug/l	95
95) Naphthalene	13.780	128	699829	54.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190262	52.959	ug/l	95

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

