

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028643.D
 Acq On : 12 May 2022 17:13
 Operator : JC/MD
 Sample : VX0512WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Quant Time: May 13 02:47:34 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	5.550	168	243066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160326	48.119	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	126501	46.746	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.500%		
50) Toluene-d8	8.653	98	487076	47.740	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.480%		
62) 4-Bromofluorobenzene	11.079	95	177814	46.661	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	58561	18.400	ug/l	100
3) Chloromethane	1.288	50	52217	17.421	ug/l	99
4) Vinyl Chloride	1.374	62	57956	17.942	ug/l	99
5) Bromomethane	1.599	94	43697	15.289	ug/l	94
6) Chloroethane	1.685	64	38552	17.517	ug/l	97
7) Trichlorofluoromethane	1.886	101	92247	17.912	ug/l	99
8) Diethyl Ether	2.130	74	33951	18.093	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	47438	17.505	ug/l	95
10) Methyl Iodide	2.453	142	48974	15.094	ug/l	95
11) Tert butyl alcohol	2.959	59	64278	85.659	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44592	17.726	ug/l	97
13) Acrolein	2.233	56	44268	80.945	ug/l	96
14) Allyl chloride	2.660	41	70224	17.405	ug/l	89
15) Acrylonitrile	3.063	53	145006	90.329	ug/l	99
16) Acetone	2.380	43	125670	87.884	ug/l	93
17) Carbon Disulfide	2.508	76	111418	17.086	ug/l	97
18) Methyl Acetate	2.703	43	64278	17.947	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	157540	17.647	ug/l	97
20) Methylene Chloride	2.788	84	51892	17.297	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48837	17.235	ug/l	95
22) Diisopropyl ether	3.764	45	155115	17.990	ug/l	92
23) Vinyl Acetate	3.721	43	680517	91.554	ug/l	96
24) 1,1-Dichloroethane	3.611	63	88373	17.630	ug/l	99
25) 2-Butanone	4.556	43	203312	90.579	ug/l	95
26) 2,2-Dichloropropane	4.471	77	69387	17.655	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	58098	17.555	ug/l	99
28) Bromochloromethane	4.898	49	38047	18.033	ug/l	91
29) Tetrahydrofuran	5.001	42	131966	90.450	ug/l	91
30) Chloroform	5.093	83	97230	17.923	ug/l	97
31) Cyclohexane	5.471	56	80472	17.400	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	83391	17.608	ug/l	99
36) 1,1-Dichloropropene	5.696	75	69581	17.119	ug/l	99
37) Ethyl Acetate	4.715	43	76841	18.100	ug/l	98
38) Carbon Tetrachloride	5.678	117	71935	17.586	ug/l	97
39) Methylcyclohexane	7.385	83	79986	17.160	ug/l	96
40) Benzene	6.038	78	205712	17.610	ug/l	97

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41) Methacrylonitrile	4.922	41	39794	17.482	ug/l	94
42) 1,2-Dichloroethane	6.092	62	76716	17.804	ug/l	97
43) Isopropyl Acetate	6.342	43	119404	17.978	ug/l	94
44) Trichloroethene	7.129	130	56069	17.698	ug/l	99
45) 1,2-Dichloropropane	7.434	63	51902	17.808	ug/l	100
46) Dibromomethane	7.586	93	38795	17.824	ug/l	90
47) Bromodichloromethane	7.824	83	70218	17.377	ug/l	100
48) Methyl methacrylate	7.696	41	58537	18.245	ug/l	86
49) 1,4-Dioxane	7.659	88	28459	355.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	402867	92.088	ug/l	93
52) Toluene	8.720	92	135896	18.085	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72234	16.660	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	78691	17.307	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	54120	17.662	ug/l	97
56) Ethyl methacrylate	9.116	69	83381	17.969	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	91647	17.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	193138	85.016	ug/l	100
59) 2-Hexanone	9.433	43	314998	92.676	ug/l	90
60) Dibromochloromethane	9.525	129	51251	17.150	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58022	18.029	ug/l	100
64) Tetrachloroethene	9.275	164	51043	17.655	ug/l	96
65) Chlorobenzene	10.080	112	144342	17.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50706	17.624	ug/l	99
67) Ethyl Benzene	10.195	91	257944	17.719	ug/l	99
68) m/p-Xylenes	10.305	106	202749	35.773	ug/l	99
69) o-Xylene	10.640	106	98880	17.720	ug/l	100
70) Styrene	10.659	104	160992	17.766	ug/l	97
71) Bromoform	10.799	173	35098	16.026	ug/l #	100
73) Isopropylbenzene	10.964	105	256665	18.024	ug/l	98
74) N-amyl acetate	10.842	43	100615	17.975	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	88081	18.030	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79764m	18.138	ug/l	
77) Bromobenzene	11.201	156	60717	18.021	ug/l	97
78) n-propylbenzene	11.305	91	295994	17.970	ug/l	99
79) 2-Chlorotoluene	11.366	91	180140	17.843	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	213605	18.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21466	17.305	ug/l #	79
82) 4-Chlorotoluene	11.457	91	204481	17.520	ug/l	100
83) tert-Butylbenzene	11.713	119	204002	17.758	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	213346	17.931	ug/l	99
85) sec-Butylbenzene	11.890	105	254986	17.994	ug/l	99
86) p-Isopropyltoluene	12.012	119	213440	17.950	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113915	17.237	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116907	17.055	ug/l	97
89) n-Butylbenzene	12.335	91	181074	17.575	ug/l	98
90) Hexachloroethane	12.543	117	32605	16.956	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	113881	17.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18125	17.376	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	64782	17.277	ug/l	98
94) Hexachlorobutadiene	13.725	225	26837	17.617	ug/l	95
95) Naphthalene	13.774	128	238720	17.891	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62700	16.649	ug/l	96

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

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