

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026572.D
 Acq On : 25 Jan 2022 16:22
 Operator : JC/MD
 Sample : N1252-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-B-465-493-012422MSD

Quant Time: Jan 26 06:14:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	94635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63817	48.274	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.540%		
35) Dibromofluoromethane	5.391	113	50921	50.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.540%		
50) Toluene-d8	8.653	98	181091	49.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.085	95	65711	50.681	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	47218	42.254	ug/l	98
3) Chloromethane	1.294	50	44036	42.986	ug/l	100
4) Vinyl Chloride	1.380	62	50507	46.959	ug/l	98
5) Bromomethane	1.611	94	19628	39.560	ug/l	97
6) Chloroethane	1.691	64	29228	53.740	ug/l	99
7) Trichlorofluoromethane	1.892	101	74658	43.966	ug/l	100
8) Diethyl Ether	2.136	74	27846	46.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49771	48.096	ug/l	99
10) Methyl Iodide	2.459	142	64773	57.420	ug/l	98
11) Tert butyl alcohol	2.983	59	48642	264.500	ug/l	96
12) 1,1-Dichloroethene	2.325	96	60693	61.409	ug/l	94
13) Acrolein	2.239	56	54847	280.669	ug/l	99
14) Allyl chloride	2.666	41	86700	47.702	ug/l	97
15) Acrylonitrile	3.068	53	149243	263.632	ug/l	100
16) Acetone	2.386	43	127475	189.088	ug/l	99
17) Carbon Disulfide	2.514	76	122619	42.494	ug/l	99
18) Methyl Acetate	2.709	43	69399	51.780	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	171238	47.750	ug/l	100
20) Methylene Chloride	2.794	84	52385	47.030	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	55315	51.699	ug/l	99
22) Diisopropyl ether	3.770	45	179023	48.490	ug/l	91
23) Vinyl Acetate	3.727	43	759823	250.020	ug/l	98
24) 1,1-Dichloroethane	3.617	63	103470	51.894	ug/l	99
25) 2-Butanone	4.562	43	208656	237.995	ug/l	100
26) 2,2-Dichloropropane	4.489	77	68286	46.203	ug/l #	34
27) cis-1,2-Dichloroethene	4.495	96	608890	498.631	ug/l	90
28) Bromochloromethane	4.910	49	40500	49.467	ug/l	100
29) Tetrahydrofuran	5.007	42	140087	269.035	ug/l	100
30) Chloroform	5.099	83	101036	48.769	ug/l	98
31) Cyclohexane	5.477	56	88163	45.215	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	88196	48.399	ug/l	100
36) 1,1-Dichloropropene	5.702	75	73290	45.837	ug/l	98
37) Ethyl Acetate	4.721	43	82770	51.174	ug/l #	82
38) Carbon Tetrachloride	5.684	117	78533	47.749	ug/l	98
39) Methylcyclohexane	7.385	83	88678	45.980	ug/l	98
40) Benzene	6.043	78	211505	47.858	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48700	53.152	ug/l	98
42) 1,2-Dichloroethane	6.092	62	82539	47.735	ug/l	98
43) Isopropyl Acetate	6.342	43	130528	49.959	ug/l	99
44) Trichloroethene	7.129	130	131467	104.834	ug/l	99
45) 1,2-Dichloropropane	7.433	63	54231	49.160	ug/l	99
46) Dibromomethane	7.586	93	37645	48.409	ug/l	99
47) Bromodichloromethane	7.824	83	76590	48.744	ug/l	98
48) Methyl methacrylate	7.696	41	65313	50.442	ug/l	98
49) 1,4-Dioxane	7.677	88	21586	1015.872	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	407972	263.260	ug/l	99
52) Toluene	8.720	92	518910	191.470	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	76117	45.493	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84319	49.963	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	52898	50.017	ug/l	99
56) Ethyl methacrylate	9.116	69	83923	51.779	ug/l	97
57) 1,3-Dichloropropane	9.311	76	91545	49.927	ug/l	99
59) 2-Hexanone	9.433	43	299460	252.475	ug/l	99
60) Dibromochloromethane	9.525	129	56225	51.016	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54892	49.809	ug/l	99
64) Tetrachloroethene	9.275	164	61475	48.213	ug/l	96
65) Chlorobenzene	10.079	112	136398	47.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51555	48.813	ug/l	100
67) Ethyl Benzene	10.195	91	246674	47.755	ug/l	99
68) m/p-Xylenes	10.305	106	187059	96.769	ug/l	99
69) o-Xylene	10.646	106	92166	49.412	ug/l	96
70) Styrene	10.659	104	153149	50.318	ug/l	99
71) Bromoform	10.805	173	37547	46.606	ug/l #	100
73) Isopropylbenzene	10.963	105	241226	46.964	ug/l	99
74) N-amyl acetate	10.848	43	97760	49.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	69394	50.334	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	68500m	49.648	ug/l	
77) Bromobenzene	11.201	156	55667	47.307	ug/l	99
78) n-propylbenzene	11.305	91	275426	47.023	ug/l	100
79) 2-Chlorotoluene	11.366	91	164090	46.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	200249	47.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21052	48.317	ug/l	95
82) 4-Chlorotoluene	11.457	91	188706	46.227	ug/l	98
83) tert-Butylbenzene	11.719	119	188846	47.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	200094	47.243	ug/l	99
85) sec-Butylbenzene	11.890	105	246868	48.280	ug/l	100
86) p-Isopropyltoluene	12.012	119	205915	48.000	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104509	47.383	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105718	47.355	ug/l	99
89) n-Butylbenzene	12.335	91	177679	48.264	ug/l	99
90) Hexachloroethane	12.542	117	32352	45.401	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	102611	49.229	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17419	52.276	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	65726	49.184	ug/l	98
94) Hexachlorobutadiene	13.725	225	26415	46.826	ug/l	100
95) Naphthalene	13.774	128	233379	52.358	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66498	50.599	ug/l	99

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

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