

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026240.D
 Acq On : 03 Jan 2022 23:42
 Operator : JC/MD
 Sample : VX0103WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS02

Quant Time: Jan 04 03:56:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115338	56.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.680%			
35) Dibromofluoromethane	5.391	113	82597	53.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	8.653	98	296917	51.577	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.160%			
62) 4-Bromofluorobenzene	11.079	95	108743	53.062	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26142	17.591	ug/l	95
3) Chloromethane	1.295	50	28279	16.348	ug/l	95
4) Vinyl Chloride	1.380	62	29584	16.250	ug/l	99
5) Bromomethane	1.605	94	20057	17.852	ug/l	97
6) Chloroethane	1.691	64	19599	15.310	ug/l	100
7) Trichlorofluoromethane	1.892	101	51175	16.319	ug/l	95
8) Diethyl Ether	2.136	74	17841	16.560	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	29700	17.965	ug/l	96
10) Methyl Iodide	2.459	142	35930	16.806	ug/l	97
11) Tert butyl alcohol	2.953	59	31750	77.655	ug/l	99
12) 1,1-Dichloroethene	2.325	96	27258	17.397	ug/l	89
13) Acrolein	2.240	56	18091	123.741	ug/l	99
14) Allyl chloride	2.666	41	51461	16.620	ug/l	95
15) Acrylonitrile	3.063	53	86959	85.904	ug/l	98
16) Acetone	2.380	43	88092	79.426	ug/l	94
17) Carbon Disulfide	2.520	76	67665	15.047	ug/l	98
18) Methyl Acetate	2.703	43	61911	17.209	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	98693	18.033	ug/l	94
20) Methylene Chloride	2.794	84	30897	16.795	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	29501	17.259	ug/l	89
22) Diisopropyl ether	3.764	45	104621	17.703	ug/l	98
23) Vinyl Acetate	3.721	43	413881	88.195	ug/l	95
24) 1,1-Dichloroethane	3.617	63	56542	17.654	ug/l	98
25) 2-Butanone	4.556	43	130633	84.553	ug/l	98
26) 2,2-Dichloropropane	4.483	77	40706	16.869	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	34334	17.656	ug/l	92
28) Bromochloromethane	4.904	49	25744	18.135	ug/l	89
29) Tetrahydrofuran	5.007	42	84853	87.136	ug/l	94
30) Chloroform	5.099	83	60955	17.994	ug/l	100
31) Cyclohexane	5.471	56	50895	17.459	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	53000	17.997	ug/l	97
36) 1,1-Dichloropropene	5.696	75	43287	17.341	ug/l	97
37) Ethyl Acetate	4.709	43	49227	17.008	ug/l	99
38) Carbon Tetrachloride	5.684	117	46533	16.758	ug/l	93
39) Methylcyclohexane	7.385	83	49049	17.419	ug/l	96
40) Benzene	6.044	78	122667	17.218	ug/l	100

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41) Methacrylonitrile	4.922	41	27240	16.666	ug/l	94
42) 1,2-Dichloroethane	6.092	62	52389	18.170	ug/l	96
43) Isopropyl Acetate	6.342	43	78803	16.705	ug/l	95
44) Trichloroethene	7.129	130	34123	17.800	ug/l	92
45) 1,2-Dichloropropane	7.434	63	31426	17.246	ug/l	98
46) Dibromomethane	7.586	93	23181	17.150	ug/l	96
47) Bromodichloromethane	7.824	83	44988	16.360	ug/l	98
48) Methyl methacrylate	7.696	41	39321	17.381	ug/l	93
49) 1,4-Dioxane	7.659	88	12788	306.728	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	254120	86.566	ug/l	96
52) Toluene	8.720	92	75648	17.248	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	42982	16.033	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	48591	16.718	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	30598	16.975	ug/l	98
56) Ethyl methacrylate	9.116	69	47621	17.129	ug/l	91
57) 1,3-Dichloropropane	9.311	76	54230	17.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	129740	93.694	ug/l	95
59) 2-Hexanone	9.433	43	190310	85.585	ug/l	96
60) Dibromochloromethane	9.525	129	31677	15.513	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31905	16.542	ug/l	99
64) Tetrachloroethene	9.275	164	33914	19.190	ug/l	99
65) Chlorobenzene	10.080	112	78329	17.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	29119	16.611	ug/l	99
67) Ethyl Benzene	10.195	91	144924	17.618	ug/l	95
68) m/p-Xylenes	10.305	106	108137	35.207	ug/l	92
69) o-Xylene	10.640	106	52579	17.496	ug/l	92
70) Styrene	10.659	104	86539	17.566	ug/l	96
71) Bromoform	10.799	173	20644	14.516	ug/l #	100
73) Isopropylbenzene	10.964	105	140946	18.198	ug/l	99
74) N-amyl acetate	10.842	43	60394	16.982	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	42572	16.162	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42662m	17.738	ug/l	
77) Bromobenzene	11.201	156	32109	17.482	ug/l	92
78) n-propylbenzene	11.305	91	161376	18.122	ug/l	95
79) 2-Chlorotoluene	11.366	91	98724	18.010	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	115515	17.972	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11514	13.850	ug/l #	78
82) 4-Chlorotoluene	11.457	91	113826	18.387	ug/l	96
83) tert-Butylbenzene	11.713	119	108860	17.450	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	117550	18.304	ug/l	97
85) sec-Butylbenzene	11.890	105	140330	18.025	ug/l	98
86) p-Isopropyltoluene	12.012	119	115268	17.760	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	59470	17.248	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	60723	16.426	ug/l	96
89) n-Butylbenzene	12.335	91	98953	17.156	ug/l	98
90) Hexachloroethane	12.543	117	17660	13.624	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	60027	16.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10177	15.093	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	34312	16.234	ug/l	99
94) Hexachlorobutadiene	13.725	225	14728	16.783	ug/l	96
95) Naphthalene	13.774	128	124199	16.128	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34565	16.073	ug/l	98

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

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