

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030261.D
 Acq On : 28 Jul 2022 03:33
 Operator : JC/MD
 Sample : N3884-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BEM-MW-04MS

Quant Time: Jul 28 05:57:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147002	54.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.160%			
35) Dibromofluoromethane	5.391	113	116051	51.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	8.653	98	443288	50.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.085	95	171967	52.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122717	55.300	ug/l	100
3) Chloromethane	1.288	50	121307	55.279	ug/l	98
4) Vinyl Chloride	1.374	62	114656	51.767	ug/l	98
5) Bromomethane	1.599	94	27087	32.899	ug/l	91
6) Chloroethane	1.678	64	68154	53.592	ug/l	94
7) Trichlorofluoromethane	1.880	101	158831	54.430	ug/l	95
8) Diethyl Ether	2.136	74	60200	52.683	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	112707	52.146	ug/l	98
10) Methyl Iodide	2.447	142	87773	41.924	ug/l	96
11) Tert butyl alcohol	2.971	59	245718	370.589	ug/l	99
12) 1,1-Dichloroethene	2.319	96	111251	52.660	ug/l	94
13) Acrolein	2.239	56	39169	240.348	ug/l	97
14) Allyl chloride	2.666	41	225374	51.697	ug/l	98
15) Acrylonitrile	3.068	53	470401	287.087	ug/l	99
16) Acetone	2.386	43	474792	341.173	ug/l	96
17) Carbon Disulfide	2.508	76	301501	52.869	ug/l	99
18) Methyl Acetate	2.709	43	215063	52.247	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	438444	60.587	ug/l	99
20) Methylene Chloride	2.788	84	136625	57.666	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	120193	51.544	ug/l	98
22) Diisopropyl ether	3.763	45	478620	58.026	ug/l	95
23) Vinyl Acetate	3.727	43	1944236	271.729	ug/l	97
24) 1,1-Dichloroethane	3.611	63	239433	54.627	ug/l	99
25) 2-Butanone	4.562	43	700803	299.672	ug/l	95
26) 2,2-Dichloropropane	4.477	77	100275	31.639	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	147253	53.701	ug/l	98
28) Bromochloromethane	4.903	49	110089	59.454	ug/l	93
29) Tetrahydrofuran	5.007	42	457859	290.986	ug/l	94
30) Chloroform	5.099	83	243765	56.171	ug/l	100
31) Cyclohexane	5.477	56	216977	54.978	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	195851	55.521	ug/l	99
36) 1,1-Dichloropropene	5.696	75	170668	52.339	ug/l	96
37) Ethyl Acetate	4.721	43	232830	50.421	ug/l	97
38) Carbon Tetrachloride	5.684	117	160855	52.840	ug/l	95
39) Methylcyclohexane	7.385	83	213937	50.828	ug/l	95
40) Benzene	6.044	78	547270	53.342	ug/l	97

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41) Methacrylonitrile	4.928	41	139176	56.226	ug/l	95
42) 1,2-Dichloroethane	6.092	62	193882	54.690	ug/l	97
43) Isopropyl Acetate	6.342	43	369245	54.547	ug/l	97
44) Trichloroethene	7.129	130	133874	47.755	ug/l	93
45) 1,2-Dichloropropane	7.434	63	146420	53.509	ug/l	97
46) Dibromomethane	7.586	93	97582	52.439	ug/l	95
47) Bromodichloromethane	7.824	83	184717	54.604	ug/l	98
48) Methyl methacrylate	7.696	41	190150	57.069	ug/l	95
49) 1,4-Dioxane	7.665	88	80729	1049.034	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1357306	295.347	ug/l	97
52) Toluene	8.720	92	331848	53.016	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	185931	50.988	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	202844	51.045	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	142499	53.469	ug/l	96
56) Ethyl methacrylate	9.122	69	243626	57.826	ug/l	93
57) 1,3-Dichloropropane	9.311	76	240104	54.579	ug/l	100
59) 2-Hexanone	9.433	43	1079436	297.719	ug/l	96
60) Dibromochloromethane	9.525	129	135682	54.997	ug/l	99
61) 1,2-Dibromoethane	9.610	107	148000	53.183	ug/l	99
64) Tetrachloroethene	9.275	164	111138	41.021	ug/l	95
65) Chlorobenzene	10.079	112	351200	51.375	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	125379	53.953	ug/l	99
67) Ethyl Benzene	10.195	91	658214	50.293	ug/l	98
68) m/p-Xylenes	10.305	106	495380	106.972	ug/l	94
69) o-Xylene	10.646	106	249126	54.582	ug/l	95
70) Styrene	10.659	104	411350	54.856	ug/l	97
71) Bromoform	10.805	173	96418	56.436	ug/l #	98
73) Isopropylbenzene	10.963	105	637281	51.295	ug/l	99
74) N-amyl acetate	10.848	43	347574	57.563	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	254104	55.880	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	223048m	53.171	ug/l	
77) Bromobenzene	11.201	156	146409	50.209	ug/l	92
78) n-propylbenzene	11.305	91	785917	53.002	ug/l	98
79) 2-Chlorotoluene	11.366	91	458118	48.924	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	542233	52.123	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	62910	44.989	ug/l	93
82) 4-Chlorotoluene	11.457	91	530005	51.805	ug/l	96
83) tert-Butylbenzene	11.719	119	522342	54.172	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	552710	53.255	ug/l	98
85) sec-Butylbenzene	11.890	105	689679	52.259	ug/l	99
86) p-Isopropyltoluene	12.012	119	550525	52.140	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	283169	49.932	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	285094	49.384	ug/l	99
89) n-Butylbenzene	12.335	91	536373	54.564	ug/l	99
90) Hexachloroethane	12.542	117	91529	50.348	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	286107	51.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62965	57.732	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	168052	52.061	ug/l	98
94) Hexachlorobutadiene	13.725	225	61366	47.345	ug/l	98
95) Naphthalene	13.780	128	753894	59.790	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174102	52.590	ug/l	99

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

