

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030262.D
 Acq On : 28 Jul 2022 03:56
 Operator : JC/MD
 Sample : N3884-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BEM-MW-04MSD

Quant Time: Jul 28 05:57:58 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	128359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142452	55.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	5.391	113	114844	51.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	8.653	98	418563	48.932	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.085	95	163937	51.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113716	53.990	ug/l	99
3) Chloromethane	1.288	50	117898	56.605	ug/l	98
4) Vinyl Chloride	1.373	62	114093	54.273	ug/l	97
5) Bromomethane	1.599	94	21484	26.422	ug/l	99
6) Chloroethane	1.678	64	71474	59.214	ug/l	97
7) Trichlorofluoromethane	1.879	101	148798	53.725	ug/l	99
8) Diethyl Ether	2.136	74	62107	57.264	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	99577	48.541	ug/l	99
10) Methyl Iodide	2.453	142	72779	36.818	ug/l	96
11) Tert butyl alcohol	2.971	59	257318	408.882	ug/l	99
12) 1,1-Dichloroethene	2.312	96	107621	53.672	ug/l	92
13) Acrolein	2.239	56	37153	240.195	ug/l	91
14) Allyl chloride	2.666	41	229300	55.417	ug/l	97
15) Acrylonitrile	3.068	53	469420	301.842	ug/l	99
16) Acetone	2.385	43	477783	361.721	ug/l	94
17) Carbon Disulfide	2.507	76	295864	54.661	ug/l	97
18) Methyl Acetate	2.709	43	223543	57.218	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	446259	64.972	ug/l	99
20) Methylene Chloride	2.788	84	135795	60.513	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	118648	53.608	ug/l	89
22) Diisopropyl ether	3.763	45	480851	61.420	ug/l	95
23) Vinyl Acetate	3.727	43	2002961	294.939	ug/l	98
24) 1,1-Dichloroethane	3.611	63	239429	57.554	ug/l	98
25) 2-Butanone	4.562	43	699878	315.315	ug/l	97
26) 2,2-Dichloropropane	4.483	77	95539	31.760	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	144753	55.618	ug/l	96
28) Bromochloromethane	4.903	49	107490	61.161	ug/l	92
29) Tetrahydrofuran	5.013	42	462146	309.451	ug/l	94
30) Chloroform	5.098	83	241557	58.645	ug/l	99
31) Cyclohexane	5.470	56	191454	51.111	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	188498	56.300	ug/l	98
36) 1,1-Dichloropropene	5.696	75	161530	50.816	ug/l	97
37) Ethyl Acetate	4.720	43	239672	53.243	ug/l	97
38) Carbon Tetrachloride	5.684	117	148358	49.994	ug/l	93
39) Methylcyclohexane	7.385	83	184407	44.944	ug/l	94
40) Benzene	6.043	78	538381	53.831	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030262.D
 Acq On : 28 Jul 2022 03:56
 Operator : JC/MD
 Sample : N3884-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BEM-MW-04MSD

Quant Time: Jul 28 05:57:58 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)
41) Methacrylonitrile	4.928	41	140412	58.191	ug/l	95
42) 1,2-Dichloroethane	6.092	62	192987	55.843	ug/l	97
43) Isopropyl Acetate	6.342	43	378941	57.425	ug/l	97
44) Trichloroethene	7.129	130	129079	47.233	ug/l	93
45) 1,2-Dichloropropane	7.433	63	146294	54.843	ug/l	97
46) Dibromomethane	7.586	93	96675	53.293	ug/l	96
47) Bromodichloromethane	7.824	83	183743	55.718	ug/l	97
48) Methyl methacrylate	7.695	41	194489	59.879	ug/l	94
49) 1,4-Dioxane	7.665	88	78985	1052.877	ug/l	94
51) 4-Methyl-2-Pentanone	8.579	43	1369364	305.666	ug/l	96
52) Toluene	8.720	92	319971	52.438	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	186247	52.394	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	200732	51.818	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	142719	54.934	ug/l	97
56) Ethyl methacrylate	9.122	69	246011	59.900	ug/l	94
57) 1,3-Dichloropropane	9.311	76	237183	55.307	ug/l	100
59) 2-Hexanone	9.433	43	1087707	307.748	ug/l	96
60) Dibromochloromethane	9.524	129	135838	56.482	ug/l	98
61) 1,2-Dibromoethane	9.616	107	150468	55.466	ug/l	98
64) Tetrachloroethene	9.274	164	104348	39.904	ug/l	97
65) Chlorobenzene	10.079	112	337276	51.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	124630	55.564	ug/l	99
67) Ethyl Benzene	10.195	91	616761	49.265	ug/l	99
68) m/p-Xylenes	10.305	106	460231	102.965	ug/l	93
69) o-Xylene	10.646	106	235738	53.511	ug/l	94
70) Styrene	10.658	104	395686	54.670	ug/l	97
71) Bromoform	10.805	173	95387	57.846	ug/l #	98
73) Isopropylbenzene	10.963	105	590833	51.613	ug/l	98
74) N-amyl acetate	10.847	43	351272	63.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	256690	61.264	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	220285m	56.992	ug/l	
77) Bromobenzene	11.201	156	142277	52.954	ug/l	91
78) n-propylbenzene	11.305	91	718123	52.561	ug/l	98
79) 2-Chlorotoluene	11.366	91	432648	50.145	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	505475	52.735	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	59932	46.516	ug/l	94
82) 4-Chlorotoluene	11.457	91	493570	52.359	ug/l	97
83) tert-Butylbenzene	11.719	119	477645	53.763	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	516160	53.976	ug/l	96
85) sec-Butylbenzene	11.890	105	628864	51.716	ug/l	98
86) p-Isopropyltoluene	12.012	119	499683	51.362	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	267579	51.208	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	271240	50.993	ug/l	99
89) n-Butylbenzene	12.335	91	490587	54.164	ug/l	98
90) Hexachloroethane	12.542	117	82631	49.331	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	275443	53.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63237	62.928	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	162782	54.730	ug/l	96
94) Hexachlorobutadiene	13.725	225	57548	48.187	ug/l	96
95) Naphthalene	13.780	128	737655	63.493	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	169304	55.503	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
Data File : VX030262.D
Acq On : 28 Jul 2022 03:56
Operator : JC/MD
Sample : N3884-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BEM-MW-04MSD

Manual Integrations
APPROVED

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

Quant Time: Jul 28 05:57:58 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

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

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

