

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021418.D
 Acq On : 24 Mar 2021 05:02
 Operator : JC/MD
 Sample : M1770-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106SMS

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:37 PM

Quant Time: Mar 24 05:48:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	71185	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	125469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61367	52.56	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 105.12%		
35) Dibromofluoromethane	5.464	113	42568	49.86	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 99.72%		
50) Toluene-d8	8.694	98	150145	48.47	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 96.94%		
62) 4-Bromofluorobenzene	11.118	95	57016	47.39	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 94.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	41690	49.02	ug/l	99
3) Chloromethane	1.311	50	51430	41.65	ug/l	99
4) Vinyl Chloride	1.393	62	43838	50.61	ug/l	96
5) Bromomethane	1.622	94	17269	45.65	ug/l	93
6) Chloroethane	1.705	64	29975m	56.63	ug/l	
7) Trichlorofluoromethane	1.911	101	71789	54.98	ug/l	92
8) Diethyl Ether	2.170	74	24515	53.36	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	38653	51.96	ug/l	96
10) Methyl Iodide	2.487	142	30389	46.80	ug/l	# 87
11) Tert butyl alcohol	3.017	59	49795	253.86	ug/l	98
12) 1,1-Dichloroethene	2.352	96	37027	51.02	ug/l	88
13) Acrolein	2.275	56	31523	268.68	ug/l	99
14) Allyl chloride	2.705	41	74084	49.53	ug/l	89
15) Acrylonitrile	3.117	53	133600	292.94	ug/l	99
16) Acetone	2.423	43	125271	291.60	ug/l	# 88
17) Carbon Disulfide	2.546	76	106524	50.43	ug/l	100
18) Methyl Acetate	2.752	43	59845	50.83	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	150377	55.22	ug/l	98
20) Methylene Chloride	2.834	84	45564	51.57	ug/l	# 87
21) trans-1,2-Dichloroethene	3.140	96	42246	52.15	ug/l	91
22) Diisopropyl ether	3.829	45	158405	55.12	ug/l	92
23) Vinyl Acetate	3.782	43	619797	247.24	ug/l	# 92
24) 1,1-Dichloroethane	3.670	63	84261	54.30	ug/l	97
25) 2-Butanone	4.635	43	192030	290.68	ug/l	89
26) 2,2-Dichloropropane	4.552	77	48988	36.18	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	49917	53.62	ug/l	94
28) Bromochloromethane	4.976	49	39072	53.45	ug/l	85
29) Tetrahydrofuran	5.088	42	123567	283.21	ug/l	# 86
30) Chloroform	5.176	83	90423	55.97	ug/l	99
31) Cyclohexane	5.546	56	70692	50.08	ug/l	90
32) 1,1,1-Trichloroethane	5.464	97	79102	55.26	ug/l	96
36) 1,1-Dichloropropene	5.764	75	62267	49.26	ug/l	96
37) Ethyl Acetate	4.793	43	66916	45.68	ug/l	# 92
38) Carbon Tetrachloride	5.747	117	68616	52.26	ug/l	95
39) Methylcyclohexane	7.441	83	67895	48.37	ug/l	93
40) Benzene	6.111	78	180194	51.72	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021418.D
 Acq On : 24 Mar 2021 05:02
 Operator : JC/MD
 Sample : M1770-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106SMS

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:37 PM

Quant Time: Mar 24 05:48:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	43392	51.61	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	79669	53.01	ug/l	94
43) Isopropyl Acetate	6.411	43	115680	48.15	ug/l #	91
44) Trichloroethene	7.188	130	47241	51.05	ug/l	93
45) 1,2-Dichloropropane	7.488	63	49857	53.26	ug/l	94
46) Dibromomethane	7.635	93	35616	51.99	ug/l	92
47) Bromodichloromethane	7.876	83	74522	54.25	ug/l	100
48) Methyl methacrylate	7.747	41	65565	51.46	ug/l #	83
49) 1,4-Dioxane	7.711	88	19815	912.04	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	389799	278.88	ug/l	88
52) Toluene	8.765	92	113062	52.48	ug/l	96
53) t-1,3-Dichloropropene	9.023	75	71642	49.16	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	75552	48.55	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	48410	54.93	ug/l	98
56) Ethyl methacrylate	9.159	69	74646	52.67	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	82257	53.63	ug/l	100
59) 2-Hexanone	9.471	43	290440	277.63	ug/l	85
60) Dibromochloromethane	9.565	129	54929	54.72	ug/l	99
61) 1,2-Dibromoethane	9.653	107	51637	53.46	ug/l	99
64) Tetrachloroethene	9.318	164	40811	46.83	ug/l	94
65) Chlorobenzene	10.118	112	122421	51.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	47533	53.41	ug/l	99
67) Ethyl Benzene	10.235	91	220636	49.73	ug/l	100
68) m/p-Xylenes	10.341	106	161109	101.64	ug/l	94
69) o-Xylene	10.682	106	76075	49.39	ug/l	92
70) Styrene	10.694	104	130455	50.47	ug/l	94
71) Bromoform	10.841	173	39743	55.23	ug/l #	99
73) Isopropylbenzene	11.000	105	210142	49.68	ug/l	100
74) N-amyl acetate	10.882	43	94967	44.26	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	74507	53.06	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	70164m	53.11	ug/l	
77) Bromobenzene	11.241	156	51784	51.59	ug/l	96
78) n-propylbenzene	11.341	91	245532	49.63	ug/l	98
79) 2-Chlorotoluene	11.406	91	148065	49.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	182245	50.91	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	19665	40.42	ug/l #	82
82) 4-Chlorotoluene	11.494	91	174368	49.29	ug/l	96
83) tert-Butylbenzene	11.753	119	173385	50.88	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	182240	50.07	ug/l	96
85) sec-Butylbenzene	11.930	105	200837	50.01	ug/l	100
86) p-Isopropyltoluene	12.047	119	180662	49.09	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	90107	49.22	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	91049	48.64	ug/l	97
89) n-Butylbenzene	12.371	91	160955	47.99	ug/l	97
90) Hexachloroethane	12.577	117	30313	54.08	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	90007	50.41	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18103	50.26	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	57388	48.90	ug/l	98
94) Hexachlorobutadiene	13.765	225	23940	48.61	ug/l	95
95) Naphthalene	13.818	128	202863	50.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	60990	52.18	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
Data File : VX021418.D
Acq On : 24 Mar 2021 05:02
Operator : JC/MD
Sample : M1770-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-106SMS

Manual Integrations
APPROVED

MMDadoda
3/25/2021 2:58:37 PM

Quant Time: Mar 24 05:48:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

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

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

