

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021101.D
 Acq On : 09 Mar 2021 12:24
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:43:19 PM

Quant Time: Mar 10 01:35:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 10 01:34:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	217461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	373567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	332527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	148693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	139390	47.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.90%
35) Dibromofluoromethane	5.464	113	114017	50.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.46%
50) Toluene-d8	8.694	98	437998	49.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.98%
62) 4-Bromofluorobenzene	11.118	95	153537	46.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.84%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	1069	0.45	ug/l	94
3) Chloromethane	1.311	50	1491	0.57	ug/l	92
4) Vinyl Chloride	1.393	62	1358	0.45	ug/l	98
5) Bromomethane	1.634	94	1326	1.23	ug/l	98
6) Chloroethane	1.711	64	967	0.51	ug/l	95
7) Trichlorofluoromethane	1.917	101	1773	0.47	ug/l	99
8) Diethyl Ether	2.170	74	896	0.51	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.364	101	1068	0.46	ug/l	92
10) Methyl Iodide	2.493	142	2059	0.66	ug/l	94
11) Tert butyl alcohol	3.011	59	1603	2.45	ug/l #	82
12) 1,1-Dichloroethene	2.358	96	1106	0.45	ug/l	88
13) Acrolein	2.270	56	811	2.00	ug/l #	78
14) Allyl chloride	2.711	41	2009	0.51	ug/l	93
15) Acrylonitrile	3.117	53	2944	2.11	ug/l	99
16) Acetone	2.417	43	4081	3.37	ug/l	93
17) Carbon Disulfide	2.552	76	4136	0.60	ug/l	96
18) Methyl Acetate	2.746	43	1729	0.60	ug/l #	86
19) Methyl tert-butyl Ether	3.170	73	3497	0.40	ug/l	97
20) Methylene Chloride	2.834	84	1873	0.65	ug/l	95
21) trans-1,2-Dichloroethene	3.140	96	1407	0.51	ug/l	86
22) Diisopropyl ether	3.817	45	3450	0.43	ug/l #	84
23) Vinyl Acetate	3.788	43	12949	1.89	ug/l	98
24) 1,1-Dichloroethane	3.670	63	2176	0.46	ug/l #	92
25) 2-Butanone	4.641	43	4147	2.26	ug/l	91
26) 2,2-Dichloropropane	4.552	77	1744	0.41	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	1582	0.50	ug/l	88
28) Bromochloromethane	4.982	49	875	0.43	ug/l #	94
29) Tetrahydrofuran	5.094	42	2562	2.17	ug/l	92
30) Chloroform	5.170	83	2160	0.46	ug/l	96
31) Cyclohexane	5.541	56	1753	0.41	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	1702	0.41	ug/l #	49
36) 1,1-Dichloropropene	5.770	75	1825	0.51	ug/l	94
37) Ethyl Acetate	4.794	43	1807	0.53	ug/l #	67
38) Carbon Tetrachloride	5.753	117	1727	0.50	ug/l	88
39) Methylcyclohexane	7.441	83	1987	0.45	ug/l	99
40) Benzene	6.111	78	4961	0.47	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021101.D
 Acq On : 09 Mar 2021 12:24
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:43:19 PM

Quant Time: Mar 10 01:35:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 10 01:34:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	1000	0.53	ug/l #	80
42) 1,2-Dichloroethane	6.170	62	2010	0.57	ug/l	99
43) Isopropyl Acetate	6.411	43	2494	0.43	ug/l #	91
44) Trichloroethene	7.188	130	1327	0.47	ug/l	94
45) 1,2-Dichloropropane	7.494	63	1262	0.47	ug/l	98
46) Dibromomethane	7.641	93	881	0.49	ug/l	97
47) Bromodichloromethane	7.876	83	1680	0.45	ug/l	99
48) Methyl methacrylate	7.753	41	1452	0.50	ug/l	88
49) 1,4-Dioxane	7.717	88	470	6.99	ug/l #	72
51) 4-Methyl-2-Pentanone	8.618	43	6548	1.96	ug/l	97
52) Toluene	8.765	92	3103	0.47	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	1747	0.42	ug/l	96
54) cis-1,3-Dichloropropene	8.418	75	1859	0.40	ug/l #	87
55) 1,1,2-Trichloroethane	9.200	97	1128	0.43	ug/l	92
56) Ethyl methacrylate	9.159	69	1551	0.37	ug/l #	82
57) 1,3-Dichloropropane	9.353	76	1883	0.42	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.288	63	5936	2.86	ug/l	97
59) 2-Hexanone	9.471	43	4986	1.99	ug/l	95
60) Dibromochloromethane	9.565	129	1249	0.45	ug/l	99
61) 1,2-Dibromoethane	9.653	107	1250	0.46	ug/l	97
64) Tetrachloroethene	9.318	164	1282	0.53	ug/l	93
65) Chlorobenzene	10.118	112	3377	0.48	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.200	131	1015	0.39	ug/l #	59
67) Ethyl Benzene	10.235	91	5575	0.44	ug/l	97
68) m/p-Xylenes	10.341	106	4098	0.88	ug/l	99
69) o-Xylene	10.683	106	1913	0.42	ug/l	97
70) Styrene	10.694	104	3200	0.41	ug/l	99
71) Bromoform	10.841	173	772	0.39	ug/l #	90
73) Isopropylbenzene	11.000	105	4886	0.42	ug/l	96
74) N-amyl acetate	10.883	43	1760	0.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.247	83	1570	0.41	ug/l	97
76) 1,2,3-Trichloropropane	11.277	75	1608m	0.50	ug/l	
77) Bromobenzene	11.236	156	1436	0.53	ug/l	99
78) n-propylbenzene	11.341	91	5990	0.45	ug/l	96
79) 2-Chlorotoluene	11.406	91	3901	0.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	4244	0.43	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	457m	0.32	ug/l	
82) 4-Chlorotoluene	11.494	91	4221	0.45	ug/l	99
83) tert-Butylbenzene	11.753	119	3899	0.41	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	4014	0.40	ug/l	91
85) sec-Butylbenzene	11.930	105	4758	0.42	ug/l	99
86) p-Isopropyltoluene	12.047	119	4291	0.42	ug/l	91
87) 1,3-Dichlorobenzene	12.012	146	2443	0.50	ug/l	95
88) 1,4-Dichlorobenzene	12.083	146	2742m	0.55	ug/l	
89) n-Butylbenzene	12.371	91	3659	0.40	ug/l	99
90) Hexachloroethane	12.577	117	701	0.36	ug/l	92
91) 1,2-Dichlorobenzene	12.371	146	2320	0.49	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.977	75	302	0.35	ug/l	92
93) 1,2,4-Trichlorobenzene	13.630	180	1493	0.49	ug/l	95
94) Hexachlorobutadiene	13.765	225	795	0.65	ug/l	94
95) Naphthalene	13.818	128	3861	0.35	ug/l	97
96) 1,2,3-Trichlorobenzene	14.001	180	1425	0.47	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
Data File : VX021101.D
Acq On : 09 Mar 2021 12:24
Operator : JC/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL04

Manual Integrations
APPROVED

MMDadoda
3/10/2021 1:43:19 PM

Quant Time: Mar 10 01:35:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 10 01:34:32 2021
Response via : Initial Calibration

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

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

