

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021893.D
 Acq On : 11 May 2021 12:55
 Operator : JC/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 11:24:53 AM

Quant Time: May 12 03:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	91318	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	82078	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37980	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30838	3.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	78.60%		
7) Chloroethane-d5	1.672	69	25623	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	81.60%		
11) 1,1-Dichloroethene-d2	2.307	63	39432	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	60.60%		
20) 2-Butanone-d5	4.471	46	81938	45.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	91.70%		
24) Chloroform-d	5.062	84	54410	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.80%		
26) 1,2-Dichloroethane-d4	5.964	65	28909	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.60%		
32) Benzene-d6	5.983	84	115170	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.60%		
36) 1,2-Dichloropropane-d6	7.312	67	35638	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.40%		
41) Toluene-d8	8.653	98	103793	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.00%		
43) trans-1,3-Dichloroprop...	8.952	79	15476	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.20%		
46) 2-Hexanone-d5	9.384	63	69911	43.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	87.32%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26763	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	83.00%		
66) 1,2-Dichlorobenzene-d4	12.323	152	34201	4.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1523	0.19	ug/L	94
3) Chloromethane	1.288	50	1758	0.21	ug/L #	78
5) Vinyl chloride	1.368	62	1812	0.20	ug/L #	81
6) Bromomethane	1.618	94	1100	0.23	ug/L	99
8) Chloroethane	1.691	64	1220m	0.23	ug/L	
9) Trichlorofluoromethane	1.892	101	2382	0.20	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1770	0.26	ug/L #	88
12) 1,1-Dichloroethene	2.319	96	1687	0.26	ug/L #	1
13) Acetone	2.398	43	2695	2.95	ug/L	92
14) Carbon disulfide	2.514	76	4285	0.20	ug/L	96
15) Methyl Acetate	2.709	43	1162	0.40	ug/L #	56
16) Methylene chloride	2.788	84	2764	0.31	ug/L	90
17) Methyl tert-butyl Ether	3.111	73	2929	0.18	ug/L #	78
18) trans-1,2-Dichloroethene	3.093	96	1269	0.18	ug/L	79
19) 1,1-Dichloroethane	3.611	63	2248	0.18	ug/L #	75
21) 2-Butanone	4.574	43	3399	2.02	ug/L	85
22) cis-1,2-Dichloroethene	4.489	96	1493	0.19	ug/L	99
23) Bromochloromethane	4.904	128	552	0.18	ug/L #	66
25) Chloroform	5.093	83	2935	0.23	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021893.D
 Acq On : 11 May 2021 12:55
 Operator : JC/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
 APPROVED

Quant Time: May 12 03:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	1398	0.19	ug/L #	84
29) 1,1,1-Trichloroethane	5.397	97	2154	0.19	ug/L	95
30) Cyclohexane	5.477	56	2617	0.22	ug/L #	86
31) Carbon tetrachloride	5.684	117	1706	0.18	ug/L	99
33) Benzene	6.044	78	5552	0.20	ug/L	100
34) Trichloroethene	7.135	95	1518	0.21	ug/L #	80
35) Methylcyclohexane	7.385	83	2443	0.19	ug/L	95
37) 1,2-Dichloropropane	7.440	63	1419	0.21	ug/L #	85
38) Bromodichloromethane	7.824	83	1707	0.19	ug/L #	90
39) cis-1,3-Dichloropropene	8.372	75	1850	0.17	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	8143	1.90	ug/L #	87
42) Toluene	8.726	91	7396	0.25	ug/L	92
44) trans-1,3-Dichloropropene	8.982	75	2217m	0.25	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	956	0.20	ug/L #	80
47) Tetrachloroethene	9.281	164	961	0.19	ug/L	75
48) 2-Hexanone	9.433	43	6543	2.19	ug/L #	93
49) Dibromochloromethane	9.531	129	924	0.17	ug/L #	69
50) 1,2-Dibromoethane	9.616	107	865	0.20	ug/L #	89
51) Chlorobenzene	10.079	112	3797	0.20	ug/L	92
52) Ethylbenzene	10.195	91	7153	0.21	ug/L	94
53) m,p-xylene	10.305	106	3473	0.27	ug/L	97
54) o-xylene	10.646	106	2898	0.23	ug/L	89
55) Styrene	10.659	104	3890	0.19	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.220	83	1288	0.23	ug/L #	90
59) Bromoform	10.811	173	482	0.19	ug/L #	95
60) Isopropylbenzene	10.970	105	5996	0.19	ug/L #	93
61) 1,2,3-Trichloropropane	11.250	75	821	0.21	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.457	105	5339	0.20	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	7126	0.25	ug/L	91
64) 1,3-Dichlorobenzene	11.976	146	2655	0.20	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	2843	0.22	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	2873	0.24	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	175	0.19	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.116	180	1730	0.18	ug/L	94
70) 1,2,4-trichlorobenzene	13.597	180	1638	0.20	ug/L	95
71) Naphthalene	13.780	128	3405	0.20	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	1287	0.18	ug/L	92

MMDadoda

5/12/2021 11:24:53 AM

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021893.D
 Acq On : 11 May 2021 12:55
 Operator : JC/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 11:24:53 AM

Quant Time: May 12 03:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

