

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021389.D
 Acq On : 25 May 2021 15:37
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 3:13:07 PM

Quant Time: May 26 07:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	262363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	244988	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	136128	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52387	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.564	69	51329	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.101	63	73853	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.921	46	199980	50.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.24%
24) Chloroform-d	4.349	84	149374	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.037	65	73494	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.050	84	296489	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.072	67	95962	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.317	98	268576	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloroprop...	7.625	79	40374	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.091	63	191633	51.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.30%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77779	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	120299	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	4190	0.24	ug/L	98
3) Chloromethane	1.236	50	4063	0.26	ug/L	98
5) Vinyl chloride	1.307	62	4073	0.25	ug/L #	81
6) Bromomethane	1.519	94	2707	0.26	ug/L	94
8) Chloroethane	1.580	64	2599	0.27	ug/L	94
9) Trichlorofluoromethane	1.748	101	5706	0.23	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3881	0.28	ug/L	86
12) 1,1-Dichloroethene	2.111	96	4008	0.31	ug/L #	1
13) Acetone	2.220	43	7505m	3.34	ug/L	
14) Carbon disulfide	2.288	76	10505	0.24	ug/L	96
15) Methyl Acetate	2.455	43	1618m	0.30	ug/L	
16) Methylene chloride	2.506	84	25027	1.17	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	8481	0.23	ug/L #	93
18) trans-1,2-Dichloroethene	2.760	96	3727	0.23	ug/L	99
19) 1,1-Dichloroethane	3.195	63	6424	0.22	ug/L #	88
21) 2-Butanone	4.018	43	9923m	2.59	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	4028	0.23	ug/L	93
23) Bromochloromethane	4.268	128	1886	0.24	ug/L	79
25) Chloroform	4.371	83	7652	0.26	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021389.D
 Acq On : 25 May 2021 15:37
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 3:13:07 PM

Quant Time: May 26 07:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	3268	0.21	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	6216	0.23	ug/L	97
30) Cyclohexane	4.680	56	5984	0.22	ug/L #	86
31) Carbon tetrachloride	4.828	117	5340	0.21	ug/L	90
33) Benzene	5.104	78	13921	0.22	ug/L	100
34) Trichloroethene	5.924	95	3963	0.23	ug/L	94
35) Methylcyclohexane	6.127	83	7220	0.25	ug/L	92
37) 1,2-Dichloropropane	6.182	63	2952	0.19	ug/L #	88
38) Bromodichloromethane	6.516	83	4971	0.23	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	5769	0.23	ug/L	91
40) 4-Methyl-2-pentanone	7.239	43	22373	2.31	ug/L #	84
42) Toluene	7.394	91	19651	0.28	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	6094	0.29	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	2670	0.23	ug/L	89
47) Tetrachloroethene	7.982	164	3362	0.21	ug/L	92
48) 2-Hexanone	8.152	43	14885	2.26	ug/L #	90
49) Dibromochloromethane	8.252	129	3366	0.21	ug/L	98
50) 1,2-Dibromoethane	8.358	107	2491	0.22	ug/L #	79
51) Chlorobenzene	8.882	112	10880	0.23	ug/L	98
52) Ethylbenzene	9.017	91	17721	0.22	ug/L	94
53) m,p-xylene	9.143	106	6933	0.23	ug/L	95
54) o-xylene	9.548	106	7240	0.24	ug/L	92
55) Styrene	9.567	104	11029	0.22	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	3609	0.26	ug/L	90
59) Bromoform	9.738	173	2245	0.23	ug/L #	97
60) Isopropylbenzene	9.934	105	18230	0.23	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	2346	0.24	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	15517	0.23	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	16081	0.23	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	9261	0.23	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	9838	0.25	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	9262	0.25	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	535	0.23	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.648	180	8309	0.23	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6763	0.23	ug/L	99
71) Naphthalene	13.509	128	9922	0.21	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	5913	0.22	ug/L	98

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

