

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021356.D
 Acq On : 21 May 2021 14:05
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 6:40:22 PM

Quant Time: May 22 01:39:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	295481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	268537	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	149597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85822	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.564	69	71430	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.101	63	113237	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.924	46	247455	48.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.08%
24) Chloroform-d	4.349	84	177079	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.034	65	89509	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.050	84	379006	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.069	67	116763	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.316	98	350063	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	7.625	79	48732	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.091	63	162646	43.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.90%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	62522	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
66) 1,2-Dichlorobenzene-d4	11.622	152	143982	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5463	0.25	ug/L	99
3) Chloromethane	1.240	50	5188	0.26	ug/L	90
5) Vinyl chloride	1.307	62	5456	0.27	ug/L #	64
6) Bromomethane	1.519	94	3432	0.26	ug/L	98
8) Chloroethane	1.580	64	3127	0.26	ug/L	93
9) Trichlorofluoromethane	1.748	101	7127	0.24	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5037	0.30	ug/L	93
12) 1,1-Dichloroethene	2.114	96	5339	0.33	ug/L #	1
13) Acetone	2.217	43	11684m	4.19	ug/L	
14) Carbon disulfide	2.288	76	14756	0.26	ug/L	96
15) Methyl Acetate	2.455	43	3460m	0.53	ug/L	
16) Methylene chloride	2.506	84	27386	1.18	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	11282	0.24	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	5170	0.26	ug/L	93
19) 1,1-Dichloroethane	3.191	63	8778	0.25	ug/L	98
21) 2-Butanone	4.027	43	12793m	2.58	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	5462	0.25	ug/L	99
23) Bromochloromethane	4.256	128	2192	0.22	ug/L	91
25) Chloroform	4.374	83	14985	0.41	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	4635	0.23	ug/L #	85
29) 1,1,1-Trichloroethane	4.609	97	8229	0.25	ug/L	95
30) Cyclohexane	4.674	56	8359	0.26	ug/L	92
31) Carbon tetrachloride	4.828	117	7284	0.25	ug/L	98
33) Benzene	5.108	78	18530	0.24	ug/L	100
34) Trichloroethene	5.921	95	7080	0.31	ug/L	94
35) Methylcyclohexane	6.130	83	9172	0.26	ug/L	97
37) 1,2-Dichloropropane	6.185	63	4324	0.23	ug/L #	85
38) Bromodichloromethane	6.519	83	6693	0.26	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	7779	0.26	ug/L	93
40) 4-Methyl-2-pentanone	7.236	43	26742	2.27	ug/L #	87
42) Toluene	7.394	91	26468	0.31	ug/L	98
44) trans-1,3-Dichloropropene	7.664	75	7223	0.29	ug/L	96
45) 1,1,2-Trichloroethane	7.850	97	3554	0.26	ug/L	95
47) Tetrachloroethene	7.979	164	4883	0.26	ug/L	93
48) 2-Hexanone	8.146	43	67933	7.97	ug/L #	87
49) Dibromochloromethane	8.252	129	4501	0.24	ug/L	91
50) 1,2-Dibromoethane	8.358	107	3455	0.26	ug/L #	95
51) Chlorobenzene	8.886	112	13793	0.25	ug/L	98
52) Ethylbenzene	9.017	91	24483	0.26	ug/L	95
53) m,p-xylene	9.143	106	9391	0.26	ug/L	97
54) o-xylene	9.545	106	8870	0.25	ug/L	95
55) Styrene	9.567	104	14378	0.24	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	3205	0.26	ug/L #	96
59) Bromoform	9.731	173	2495	0.22	ug/L	96
60) Isopropylbenzene	9.934	105	24826	0.26	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	2841	0.26	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.541	105	21310	0.26	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	22030	0.26	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	11605	0.25	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	12312	0.27	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	11014	0.26	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	505	0.23	ug/L	96
69) 1,3,5-Trichlorobenzene	12.647	180	10120	0.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	7641	0.24	ug/L	99
71) Naphthalene	13.509	128	9223	0.22	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	6944	0.25	ug/L	96

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

