

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021415.D
 Acq On : 26 May 2021 11:02
 Operator : SY/MD
 Sample : M2250-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 11:27:29 AM

Quant Time: May 27 02:04:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	265898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	246389	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48062	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.564	69	48128	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.101	63	69041	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.918	46	186056	46.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	4.349	84	136754	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.034	65	67818	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.050	84	272122	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.069	67	88460	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.316	98	248337	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	7.625	79	35177	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.091	63	178185	47.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.58%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	70925	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	109684	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3817	0.21	ug/L	93
3) Chloromethane	1.236	50	3533	0.23	ug/L	94
5) Vinyl chloride	1.307	62	3592	0.22	ug/L #	75
6) Bromomethane	1.519	94	2470	0.23	ug/L	90
8) Chloroethane	1.580	64	2081	0.21	ug/L	88
9) Trichlorofluoromethane	1.748	101	5192	0.21	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3852	0.28	ug/L #	86
12) 1,1-Dichloroethene	2.114	96	3462	0.26	ug/L #	1
13) Acetone	2.246	43	6281m	2.75	ug/L	
14) Carbon disulfide	2.288	76	9507	0.21	ug/L	97
15) Methyl Acetate	2.461	43	2132m	0.40	ug/L	
16) Methylene chloride	2.503	84	13019	0.60	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	7905	0.21	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	3369	0.20	ug/L	95
19) 1,1-Dichloroethane	3.188	63	5600	0.19	ug/L	98
21) 2-Butanone	4.014	43	8658m	2.23	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	4011	0.22	ug/L	98
23) Bromochloromethane	4.255	128	1693	0.21	ug/L	94
25) Chloroform	4.378	83	7553	0.25	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	3712	0.23	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	5948	0.22	ug/L	98
30) Cyclohexane	4.677	56	5496	0.20	ug/L	96
31) Carbon tetrachloride	4.825	117	5174	0.21	ug/L	99
33) Benzene	5.108	78	14075	0.22	ug/L	100
34) Trichloroethene	5.924	95	3872	0.22	ug/L	96
35) Methylcyclohexane	6.130	83	6716	0.23	ug/L	96
37) 1,2-Dichloropropane	6.181	63	2861	0.18	ug/L #	85
38) Bromodichloromethane	6.516	83	4472	0.21	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	5594	0.22	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	19185	1.97	ug/L #	83
42) Toluene	7.394	91	17794	0.25	ug/L	96
44) trans-1,3-Dichloropropene	7.661	75	5661	0.27	ug/L	97
45) 1,1,2-Trichloroethane	7.847	97	2401	0.20	ug/L	95
47) Tetrachloroethene	7.979	164	3549	0.22	ug/L	97
48) 2-Hexanone	8.149	43	14584	2.20	ug/L #	96
49) Dibromochloromethane	8.249	129	3133	0.20	ug/L	91
50) 1,2-Dibromoethane	8.361	107	2320	0.20	ug/L #	93
51) Chlorobenzene	8.886	112	10021	0.21	ug/L	97
52) Ethylbenzene	9.017	91	16767	0.21	ug/L	97
53) m,p-xylene	9.143	106	6604	0.22	ug/L	90
54) o-xylene	9.548	106	6409	0.21	ug/L	88
55) Styrene	9.570	104	10101	0.20	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.246	83	3281	0.24	ug/L #	93
59) Bromoform	9.734	173	1861	0.19	ug/L #	96
60) Isopropylbenzene	9.934	105	17013	0.21	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	2060	0.21	ug/L	92
62) 1,3,5-Trimethylbenzene	10.541	105	14918	0.21	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	15245	0.21	ug/L	99
64) 1,3-Dichlorobenzene	11.184	146	8254	0.20	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	8468	0.21	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	8011	0.21	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.435	75	405	0.17	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.651	180	7183	0.20	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	5970	0.20	ug/L	99
71) Naphthalene	13.509	128	7678	0.16	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	5134	0.19	ug/L	98

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

