

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021410.D
 Acq On : 26 May 2021 00:01
 Operator : SY/MD
 Sample : M2496-08MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB439MSD

Quant Time: May 26 07:56:06 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	227885	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	213882	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	120149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57693	5.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.60%
7) Chloroethane-d5	1.568	69	54173	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.80%
11) 1,1-Dichloroethene-d2	2.108	63	118110	6.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	129.20%#
20) 2-Butanone-d5	3.902	46	238527	68.82	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.64%#
24) Chloroform-d	4.352	84	147805	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.037	65	71733	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.053	84	282209	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.072	67	90080	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.320	98	258242	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloroprop...	7.625	79	34054	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.091	63	204225	62.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.88%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79037	5.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	115749	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	75212	4.92	ug/L	99
3) Chloromethane	1.240	50	79540	5.93	ug/L	100
5) Vinyl chloride	1.307	62	80974	5.81	ug/L	99
6) Bromomethane	1.519	94	52733	5.78	ug/L	100
8) Chloroethane	1.584	64	49080	5.85	ug/L	97
9) Trichlorofluoromethane	1.751	101	115788	5.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	59072	4.93	ug/L	99
12) 1,1-Dichloroethene	2.117	96	89035	7.87	ug/L	99
13) Acetone	2.201	43	124863	63.90	ug/L #	31
14) Carbon disulfide	2.294	76	208946	5.50	ug/L	99
15) Methyl Acetate	2.442	43	21300	4.62	ug/L	94
16) Methylene chloride	2.507	84	80680	4.34	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	197806	6.06	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	77577	5.50	ug/L	97
19) 1,1-Dichloroethane	3.191	63	149494	6.00	ug/L	98
21) 2-Butanone	3.986	43	218536	65.66	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	87604	5.71	ug/L	99
23) Bromochloromethane	4.252	128	41410	6.00	ug/L	98
25) Chloroform	4.378	83	141843	5.56	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	81036	5.87	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	140284	5.85	ug/L	99
30) Cyclohexane	4.680	56	112248	4.75	ug/L	99
31) Carbon tetrachloride	4.831	117	116165	5.33	ug/L	99
33) Benzene	5.101	78	310272	5.56	ug/L	100
34) Trichloroethene	5.918	95	81784	5.33	ug/L	99
35) Methylcyclohexane	6.133	83	107642	4.27	ug/L	99
37) 1,2-Dichloropropane	6.175	63	78527	5.67	ug/L	99
38) Bromodichloromethane	6.513	83	105258	5.57	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	109185	4.92	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	531402	62.72	ug/L	99
42) Toluene	7.391	91	341783	5.54	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	92430	5.08	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	60125	5.87	ug/L	98
47) Tetrachloroethene	7.979	164	96995	6.94	ug/L	97
48) 2-Hexanone	8.143	43	375928	65.27	ug/L	100
49) Dibromochloromethane	8.249	129	80106	5.76	ug/L	98
50) 1,2-Dibromoethane	8.355	107	58463	5.92	ug/L	98
51) Chlorobenzene	8.882	112	226354	5.55	ug/L	99
52) Ethylbenzene	9.014	91	373633	5.41	ug/L	99
53) m,p-xylene	9.140	106	142686	5.36	ug/L	98
54) o-xylene	9.545	106	142072	5.47	ug/L	99
55) Styrene	9.561	104	242086	5.53	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	73355	6.08	ug/L	98
59) Bromoform	9.735	173	52827	6.08	ug/L	98
60) Isopropylbenzene	9.931	105	380819	5.36	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	51475	6.03	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	324227	5.35	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	333907	5.39	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	191826	5.48	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	188774	5.40	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	182864	5.64	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12623	6.04	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	160281	5.08	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	142058	5.43	ug/L	99
71) Naphthalene	13.503	128	250331	6.11	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	131505	5.67	ug/L	99

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

