

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050521\
 Data File : VW021285.D
 Acq On : 05 May 2021 12:09
 Operator : SY/MD
 Sample : M2271-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6B2MS

Quant Time: May 06 02:17:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 06 02:15:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	596063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	587707	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	342256	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	110549	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.62%
7) Chloroethane-d5	1.571	69	110689	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.68%
11) 1,1-Dichloroethene-d2	2.111	63	326880	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
21) 2-Butanone-d5	3.899	46	266897	125.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.79%
24) Chloroform-d	4.352	84	447595	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
26) 1,2-Dichloroethane-d4	5.034	65	338175	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
32) Benzene-d6	5.053	84	698863	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
36) 1,2-Dichloropropane-d6	6.076	67	186353	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.20%
41) Toluene-d8	7.320	98	728635	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%
43) trans-1,3-Dichloroprop...	7.625	79	133527	51.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.26%
47) 2-Hexanone-d5	8.095	63	195931	122.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.03%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	317906	57.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.28%
66) 1,2-Dichlorobenzene-d4	11.632	152	358814	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	211543	43.96	ug/L	99
3) Chloromethane	1.243	50	129621	44.80	ug/L	97
5) Vinyl chloride	1.311	62	154413	42.82	ug/L	99
6) Bromomethane	1.523	94	125321	44.17	ug/L	92
8) Chloroethane	1.587	64	108008	46.36	ug/L	99
9) Trichlorofluoromethane	1.754	101	401525	42.45	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	187000	44.78	ug/L	96
12) 1,1-Dichloroethene	2.118	96	167339	44.84	ug/L	95
13) Acetone	2.198	43	177715	70.87	ug/L	95
14) Carbon disulfide	2.294	76	410109	43.80	ug/L	99
15) Methyl Acetate	2.442	43	138186	45.62	ug/L	90
16) Methylene chloride	2.510	84	176422	46.15	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	177544	47.51	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	630950	47.09	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	311469	48.11	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	193467	47.08	ug/L	98
22) 2-Butanone	3.992	43	213904	89.37	ug/L	98
23) Bromochloromethane	4.256	128	110730	47.04	ug/L #	83
25) Chloroform	4.381	83	400450	46.97	ug/L	99

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

27) 1,2-Dichloroethane	5.134	62	354674	45.65	ug/L	97
29) Cyclohexane	4.680	56	207041	41.91	ug/L #	81
30) 1,1,1-Trichloroethane	4.613	97	408756	44.51	ug/L	99
31) Carbon tetrachloride	4.831	117	367286	43.02	ug/L	97
33) Benzene	5.101	78	679569	45.19	ug/L	100
34) Trichloroethene	5.918	95	207787	42.95	ug/L	96
35) Methylcyclohexane	6.133	83	276814	43.81	ug/L	95
37) 1,2-Dichloropropane	6.178	63	138798	43.72	ug/L #	94
38) Bromodichloromethane	6.513	83	298984	44.39	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	290225	46.85	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	437085	97.17	ug/L #	93
42) Toluene	7.391	91	807890	46.10	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	319075	47.22	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	188285	46.22	ug/L	94
46) Tetrachloroethene	7.979	164	778676	187.28	ug/L	96
48) 2-Hexanone	8.143	43	351133	97.17	ug/L	92
49) Dibromochloromethane	8.249	129	260597	45.09	ug/L	99
50) 1,2-Dibromoethane	8.355	107	206846	45.08	ug/L #	98
51) Chlorobenzene	8.886	112	549244	45.34	ug/L	98
52) Ethylbenzene	9.018	91	926975	45.79	ug/L	99
53) m,p-Xylene	9.143	106	360522	45.36	ug/L	97
54) o-Xylene	9.548	106	358601	46.80	ug/L	98
55) Styrene	9.564	104	616947	47.30	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.246	83	260988	47.40	ug/L #	95
59) Bromoform	9.735	173	198885	43.41	ug/L	98
60) Isopropylbenzene	9.937	105	978362	44.74	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	248923	44.48	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	877813	45.83	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	889885	46.30	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	491636	46.30	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	474996	43.69	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	498726	46.50	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	90423	46.46	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	383481	46.63	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	314776	47.02	ug/L	97
71) Naphthalene	13.509	128	851981	46.33	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	323591	47.76	ug/L	98

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

