

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050521\
 Data File : VW021286.D
 Acq On : 05 May 2021 12:32
 Operator : SY/MD
 Sample : M2271-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6B2MSD

Quant Time: May 06 02:17:40 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	5.619	114	747699	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	708651	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	406428	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109346	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.94%
7) Chloroethane-d5	1.568	69	108991	36.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.54%
11) 1,1-Dichloroethene-d2	2.111	63	330945	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
21) 2-Butanone-d5	3.899	46	253064	95.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.09%
24) Chloroform-d	4.352	84	444509	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
26) 1,2-Dichloroethane-d4	5.037	65	336704	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
32) Benzene-d6	5.053	84	695010	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
36) 1,2-Dichloropropane-d6	6.072	67	179378	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.58%
41) Toluene-d8	7.320	98	716580	42.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.74%
43) trans-1,3-Dichloroprop...	7.625	79	135789	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.095	63	193408	99.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.90%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	314009	46.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.62%
66) 1,2-Dichlorobenzene-d4	11.632	152	358984	44.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	250279	41.46	ug/L	98
3) Chloromethane	1.243	50	150151	41.37	ug/L	97
5) Vinyl chloride	1.310	62	180920	40.00	ug/L	97
6) Bromomethane	1.523	94	154595	43.44	ug/L	97
8) Chloroethane	1.587	64	123324	42.20	ug/L	95
9) Trichlorofluoromethane	1.754	101	481529	40.59	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	216839	41.39	ug/L	94
12) 1,1-Dichloroethene	2.117	96	200974	42.93	ug/L	92
13) Acetone	2.195	43	211081	67.10	ug/L	87
14) Carbon disulfide	2.294	76	480622	40.92	ug/L	100
15) Methyl Acetate	2.439	43	163344	42.99	ug/L	98
16) Methylene chloride	2.510	84	203107	42.36	ug/L	94
17) trans-1,2-Dichloroethene	2.760	96	192819	41.13	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	732675	43.59	ug/L #	92
19) 1,1-Dichloroethane	3.191	63	349234	43.00	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	222986	43.26	ug/L	98
22) 2-Butanone	3.986	43	255090	84.96	ug/L	97
23) Bromochloromethane	4.249	128	134881	45.68	ug/L #	83
25) Chloroform	4.378	83	467402	43.71	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	428260	43.94	ug/L	96
29) Cyclohexane	4.683	56	252790	42.44	ug/L #	83
30) 1,1,1-Trichloroethane	4.609	97	484704	43.77	ug/L	99
31) Carbon tetrachloride	4.831	117	438713	42.61	ug/L	97
33) Benzene	5.104	78	791677	43.66	ug/L	100
34) Trichloroethene	5.918	95	256035	43.89	ug/L	96
35) Methylcyclohexane	6.133	83	331907	43.56	ug/L	96
37) 1,2-Dichloropropane	6.178	63	169286	44.22	ug/L #	94
38) Bromodichloromethane	6.513	83	353373	43.51	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	342030	45.79	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	496390	91.52	ug/L #	95
42) Toluene	7.391	91	964034	45.63	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	379435	46.57	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	219922	44.77	ug/L	94
46) Tetrachloroethene	7.979	164	823811	164.32	ug/L	96
48) 2-Hexanone	8.143	43	389602	89.42	ug/L #	96
49) Dibromochloromethane	8.249	129	310560	44.57	ug/L	97
50) 1,2-Dibromoethane	8.355	107	247739	44.78	ug/L	95
51) Chlorobenzene	8.886	112	655439	44.87	ug/L	97
52) Ethylbenzene	9.017	91	1117682	45.79	ug/L	98
53) m,p-Xylene	9.143	106	426155	44.46	ug/L	96
54) o-Xylene	9.548	106	423310	45.82	ug/L	92
55) Styrene	9.564	104	724641	46.07	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.246	83	307550	46.32	ug/L #	97
59) Bromoform	9.738	173	233762	42.97	ug/L	99
60) Isopropylbenzene	9.937	105	1187584	45.73	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	284191	42.77	ug/L	91
62) 1,3,5-Trimethylbenzene	10.545	105	1043750	45.89	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1051860	46.09	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	567741	45.03	ug/L	94
65) 1,4-Dichlorobenzene	11.278	146	591114	45.78	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	583841	45.84	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	106145	45.93	ug/L	90
69) 1,3,5-Trichlorobenzene	12.651	180	449381	46.02	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	371710	46.76	ug/L	97
71) Naphthalene	13.509	128	1063788	48.72	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	379792	47.20	ug/L	97

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

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