

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011321\
 Data File : VW019990.D
 Acq On : 13 Jan 2021 16:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Jan 13 17:29:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	368553	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	364960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	199955	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	131137	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.570	69	118235	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.110	63	278471	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
21) 2-Butanone-d5	3.891	46	197715	98.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	4.354	84	258978	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.036	65	180406	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	5.055	84	461077	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.074	67	144226	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.70%
41) Toluene-d8	7.322	98	418281	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloroprop...	7.624	79	73478	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.093	63	125039	96.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	206139	47.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.82%
64) 1,2-Dichlorobenzene-d4	11.630	152	174660	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	165307	46.42	ug/L	100
3) Chloromethane	1.242	50	160802	47.11	ug/L	100
5) Vinyl chloride	1.312	62	160173	46.37	ug/L	100
6) Bromomethane	1.525	94	99395	46.14	ug/L	96
8) Chloroethane	1.586	64	104703	49.25	ug/L	98
9) Trichlorofluoromethane	1.753	101	236848	48.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	132911	49.31	ug/L	97
12) 1,1-Dichloroethene	2.119	96	124698	47.97	ug/L	92
13) Acetone	2.184	43	166402	93.39	ug/L	97
14) Carbon disulfide	2.296	76	341938	44.28	ug/L	99
15) Methyl Acetate	2.434	43	142335	47.07	ug/L	100
16) Methylene chloride	2.508	84	132341	47.91	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	121328	46.57	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	391671	46.17	ug/L	98
19) 1,1-Dichloroethane	3.193	63	234946	47.16	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	128981	46.36	ug/L	96
22) 2-Butanone	3.975	43	205578	95.76	ug/L	98
23) Bromochloromethane	4.251	128	66756	45.91	ug/L	94
25) Chloroform	4.380	83	243056	46.41	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	207892	47.51	ug/L	99
29) Cyclohexane	4.685	56	197451	45.76	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	220247	45.88	ug/L	99
31) Carbon tetrachloride	4.833	117	185292	45.27	ug/L	100
33) Benzene	5.103	78	492839	46.52	ug/L	100
34) Trichloroethene	5.920	95	137695	45.35	ug/L	98
35) Methylcyclohexane	6.135	83	199942	46.09	ug/L	98
37) 1,2-Dichloropropane	6.177	63	129454	47.11	ug/L	99
38) Bromodichloromethane	6.515	83	177937	44.83	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	197879	45.98	ug/L	98
40) 4-Methyl-2-pentanone	7.232	43	389160	92.16	ug/L	99
42) Toluene	7.392	91	522711	46.33	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	200029	45.82	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	123570	45.75	ug/L	98
46) Tetrachloroethene	7.981	164	98525	45.20	ug/L	97
48) 2-Hexanone	8.145	43	307294	92.51	ug/L	99
49) Dibromochloromethane	8.251	129	132999	44.59	ug/L	98
50) 1,2-Dibromoethane	8.357	107	133729	46.14	ug/L	97
51) Chlorobenzene	8.888	112	338142	45.25	ug/L	100
52) Ethylbenzene	9.016	91	589296	45.99	ug/L	100
53) m,p-Xylene	9.145	106	219421	46.89	ug/L	100
54) o-xylene	9.550	106	211085	45.82	ug/L	97
55) Styrene	9.566	104	377957	47.45	ug/L	98
56) Isopropylbenzene	9.936	105	583818	46.85	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	193411	45.74	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	170302	45.57	ug/L	99
61) Bromoform	9.736	173	85647	42.07	ug/L	99
62) 1,3-Dichlorobenzene	11.187	146	272738	45.46	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	279030	45.32	ug/L	98
65) 1,2-Dichlorobenzene	11.650	146	274971	45.49	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.434	75	44240	42.08	ug/L	98
67) 1,3,5-Trichlorobenzene	12.653	180	201480	44.71	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	180585	45.33	ug/L	98
69) Naphthalene	13.511	128	529369	45.94	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	178764	46.23	ug/L	100

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

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