

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082520\
 Data File : VV018097.D
 Acq On : 25 Aug 2020 18:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Aug 26 02:13:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 26 02:11:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147434	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91571	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	80591	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.74%
11) 1,1-Dichloroethene-d2	2.12	63	186525	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
21) 2-Butanone-d5	3.91	46	129973	96.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.43%
24) Chloroform-d	4.38	84	182119	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
26) 1,2-Dichloroethane-d4	5.06	65	117633	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
32) Benzene-d6	5.08	84	356840	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	114263	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.34	98	329373	49.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.36%
43) trans-1,3-Dichloropropene-	7.64	79	55270	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.12%
47) 2-Hexanone-d5	8.11	63	77535	100.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153755	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	136902	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	91828	44.098	ug/L 99
3) Chloromethane	1.25	50	105736	43.711	ug/L 100
5) Vinyl chloride	1.32	62	111283	46.432	ug/L 98
6) Bromomethane	1.53	94	66175	46.198	ug/L 99
8) Chloroethane	1.60	64	71469	46.721	ug/L 100
9) Trichlorofluoromethane	1.77	101	159176	46.495	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93548	48.938	ug/L 97
12) 1,1-Dichloroethene	2.13	96	87896	48.580	ug/L 97
13) Acetone	2.19	43	106205	76.285	ug/L 99
14) Carbon disulfide	2.31	76	229507	46.088	ug/L 100
15) Methyl Acetate	2.45	43	109495	48.735	ug/L 100
16) Methylene chloride	2.52	84	104693	45.419	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	91284	49.081	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	309014	50.239	ug/L 100
19) 1,1-Dichloroethane	3.21	63	185118	49.501	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	104102	50.935	ug/L 98
22) 2-Butanone	3.99	43	151697	97.127	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	54433	50.982	ug/L	96
25) Chloroform	4.40	83	193750	50.795	ug/L	99
27) 1,2-Dichloroethane	5.16	62	150640	49.617	ug/L	98
29) Cyclohexane	4.70	56	147453	45.672	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	163755	49.955	ug/L	99
31) Carbon tetrachloride	4.86	117	139748	51.210	ug/L	99
33) Benzene	5.13	78	403098	48.707	ug/L	100
34) Trichloroethene	5.94	95	104941	47.971	ug/L	98
35) Methylcyclohexane	6.16	83	152036	46.739	ug/L	99
37) 1,2-Dichloropropane	6.20	63	109623	48.571	ug/L	100
38) Bromodichloromethane	6.53	83	144319	51.480	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	167929	52.485	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	296368	100.449	ug/L	99
42) Toluene	7.41	91	431533	49.970	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	165257	54.437	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	104922	50.199	ug/L	100
46) Tetrachloroethene	8.00	164	82954	51.705	ug/L	99
48) 2-Hexanone	8.16	43	225766	94.892	ug/L	100
49) Dibromochloromethane	8.27	129	113655	55.709	ug/L	100
50) 1,2-Dibromoethane	8.37	107	107895	49.893	ug/L	97
51) Chlorobenzene	8.90	112	278464	50.136	ug/L	99
52) Ethylbenzene	9.03	91	475623	50.511	ug/L	99
53) m,p-Xylene	9.16	106	177847	51.353	ug/L	97
54) o-xylene	9.57	106	174797	51.073	ug/L	97
55) Styrene	9.58	104	313287	53.453	ug/L	99
56) Isopropylbenzene	9.95	105	467754	51.807	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166104	51.034	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	137733	49.413	ug/L	100
61) Bromoform	9.75	173	83435	59.809	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	233254	49.752	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	239108	49.646	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	234591	48.614	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	36051	50.706	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	181756	51.034	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	167302	53.430	ug/L	99
69) Naphthalene	13.52	128	468418	54.275	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	173732	54.559	ug/L	99

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

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