

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019687.D
 Acq On : 16 Dec 2020 20:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Dec 17 00:32:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	600815	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	562114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	284890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	197791	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.82%
7) Chloroethane-d5	1.57	69	163109	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.11	63	362429	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
21) 2-Butanone-d5	3.89	46	316230	135.04	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.04%#
24) Chloroform-d	4.35	84	374660	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.04	65	250011	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.05	84	712956	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.07	67	232008	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.32	98	627893	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%
43) trans-1,3-Dichloropropene-	7.62	79	115285	43.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.32%
47) 2-Hexanone-d5	8.09	63	227143	123.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.24%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	315345	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	11.63	152	239081	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	203255	41.920	ug/L	100
3) Chloromethane	1.24	50	236327	45.855	ug/L	100
5) Vinyl chloride	1.31	62	233296	45.129	ug/L	99
6) Bromomethane	1.52	94	140672	45.312	ug/L	97
8) Chloroethane	1.59	64	145147	46.549	ug/L	100
9) Trichlorofluoromethane	1.76	101	281088	44.504	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	157561	45.172	ug/L	99
12) 1,1-Dichloroethene	2.12	96	159867	44.664	ug/L #	84
13) Acetone	2.18	43	204283	102.401	ug/L	100
14) Carbon disulfide	2.30	76	471967	40.130	ug/L	99
15) Methyl Acetate	2.43	43	224695	51.697	ug/L	99
16) Methylene chloride	2.51	84	199432	47.522	ug/L	98
17) trans-1,2-Dichloroethene	2.76	96	177745	45.306	ug/L	97
18) Methyl tert-butyl Ether	2.77	73	632421	46.133	ug/L	99
19) 1,1-Dichloroethane	3.19	63	359743	47.298	ug/L	100
20) cis-1,2-Dichloroethene	3.92	96	201817	46.796	ug/L #	97
22) 2-Butanone	3.97	43	319115	109.051	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	99187	46.743	ug/L	98
25) Chloroform	4.38	83	359547	47.332	ug/L	99
27) 1,2-Dichloroethane	5.14	62	296583	47.128	ug/L	100
29) Cyclohexane	4.68	56	299970	43.541	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	305173	43.298	ug/L	99
31) Carbon tetrachloride	4.83	117	248929	41.837	ug/L	99
33) Benzene	5.10	78	771396	46.956	ug/L	100
34) Trichloroethene	5.92	95	192678	44.399	ug/L	98
35) Methylcyclohexane	6.14	83	297147	45.071	ug/L	99
37) 1,2-Dichloropropane	6.18	63	209114	48.742	ug/L	99
38) Bromodichloromethane	6.51	83	267213	44.542	ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	324078	45.482	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	625382	101.038	ug/L	99
42) Toluene	7.39	91	783980	45.279	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	313954	43.515	ug/L	98
45) 1,1,2-Trichloroethane	7.84	97	191623	47.035	ug/L	99
46) Tetrachloroethene	7.98	164	128275	42.717	ug/L	99
48) 2-Hexanone	8.14	43	481905	102.609	ug/L	97
49) Dibromochloromethane	8.25	129	195475	43.812	ug/L	99
50) 1,2-Dibromoethane	8.36	107	201616	46.994	ug/L	97
51) Chlorobenzene	8.88	112	498674	45.094	ug/L	100
52) Ethylbenzene	9.02	91	879114	44.563	ug/L	100
53) m,p-Xylene	9.14	106	320757	43.522	ug/L	99
54) o-xylene	9.55	106	324215	44.881	ug/L	99
55) Styrene	9.56	104	566989	45.033	ug/L	100
56) Isopropylbenzene	9.94	105	848684	44.099	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	314100	47.942	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	261102	48.929	ug/L	100
61) Bromoform	9.74	173	127088	40.316	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	371237	42.472	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	378208	42.730	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	381148	44.130	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	77328	42.891	ug/L	93
67) 1,3,5-Trichlorobenzene	12.65	180	265250	42.952	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	247538	42.870	ug/L	99
69) Naphthalene	13.51	128	889605	44.370	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	248021	43.954	ug/L	99

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

