

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019806.D
 Acq On : 23 Dec 2020 11:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Dec 23 21:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 08:29:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	690076	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	651863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	319771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	267821	54.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.24%
7) Chloroethane-d5	1.57	69	207265	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.22%
11) 1,1-Dichloroethene-d2	2.11	63	487391	53.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.14%
21) 2-Butanone-d5	3.89	46	348457	129.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.56%
24) Chloroform-d	4.35	84	481034	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.88%
26) 1,2-Dichloroethane-d4	5.03	65	317656	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.00%
32) Benzene-d6	5.05	84	935703	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.64%
36) 1,2-Dichloropropane-d6	6.07	67	297947	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.42%
41) Toluene-d8	7.32	98	827807	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	7.62	79	150059	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.09	63	237139	110.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.95%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	378542	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.63	152	307888	51.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.02%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	241502	43.365	ug/L 100
3) Chloromethane	1.24	50	267003	45.105	ug/L 100
5) Vinyl chloride	1.31	62	274637	46.254	ug/L 99
6) Bromomethane	1.52	94	159238	44.657	ug/L 98
8) Chloroethane	1.59	64	169381	47.294	ug/L 98
9) Trichlorofluoromethane	1.75	101	350275	48.285	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	203209	50.723	ug/L 98
12) 1,1-Dichloroethene	2.12	96	192046	46.714	ug/L # 70
13) Acetone	2.18	43	266068	116.120	ug/L 99
14) Carbon disulfide	2.30	76	560823	41.518	ug/L 100
15) Methyl Acetate	2.43	43	254924	51.065	ug/L 98
16) Methylene chloride	2.51	84	233117	48.364	ug/L 97
17) trans-1,2-Dichloroethene	2.76	96	213081	47.288	ug/L 98
18) Methyl tert-butyl Ether	2.77	73	743854	47.243	ug/L 100
19) 1,1-Dichloroethane	3.19	63	436021	49.911	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	237078	47.861	ug/L # 96
22) 2-Butanone	3.97	43	366323	108.991	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	114683	47.055	ug/L	95
25) Chloroform	4.38	83	428405	49.102	ug/L	100
27) 1,2-Dichloroethane	5.13	62	349720	48.384	ug/L	98
29) Cyclohexane	4.68	56	379404	47.489	ug/L	97
30) 1,1,1-Trichloroethane	4.61	97	380747	46.583	ug/L	98
31) Carbon tetrachloride	4.83	117	313929	45.497	ug/L	99
33) Benzene	5.10	78	913899	47.971	ug/L	100
34) Trichloroethene	5.92	95	243117	48.308	ug/L	99
35) Methylcyclohexane	6.13	83	376348	49.225	ug/L	99
37) 1,2-Dichloropropane	6.18	63	246843	49.615	ug/L	99
38) Bromodichloromethane	6.51	83	325854	46.838	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	394936	47.795	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	707914	98.626	ug/L	98
42) Toluene	7.39	91	949934	47.310	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	379672	45.378	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	225364	47.700	ug/L	98
46) Tetrachloroethene	7.98	164	162637	46.704	ug/L	99
48) 2-Hexanone	8.14	43	551727	101.302	ug/L	97
49) Dibromochloromethane	8.25	129	236463	45.702	ug/L	98
50) 1,2-Dibromoethane	8.36	107	234755	47.185	ug/L	99
51) Chlorobenzene	8.88	112	613205	47.816	ug/L	99
52) Ethylbenzene	9.02	91	1093335	47.792	ug/L	99
53) m,p-Xylene	9.14	106	401884	47.022	ug/L	99
54) o-xylene	9.55	106	388641	46.392	ug/L	99
55) Styrene	9.57	104	697340	47.761	ug/L	97
56) Isopropylbenzene	9.94	105	1069197	47.908	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	357118	47.003	ug/L	98
59) 1,2,3-Trichloropropane	10.28	75	299965	48.473	ug/L	99
61) Bromoform	9.74	173	148094	41.855	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	469678	47.873	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	481282	48.445	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	471187	48.604	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	86062	42.529	ug/L	95
67) 1,3,5-Trichlorobenzene	12.65	180	350901	50.623	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	321782	49.649	ug/L	100
69) Naphthalene	13.51	128	1010247	44.891	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	309921	48.932	ug/L	99

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

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