

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018138.D
 Acq On : 28 Aug 2020 16:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Aug 29 00:41:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268797	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77332	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.42%
7) Chloroethane-d5	1.58	69	71638	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.12	63	171697	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
21) 2-Butanone-d5	3.90	46	128510	95.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.67%
24) Chloroform-d	4.37	84	175901	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	5.05	65	113536	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.07	84	333803	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.09	67	110010	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.33	98	306375	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
43) trans-1,3-Dichloropropene-	7.64	79	54042	49.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.86%
47) 2-Hexanone-d5	8.11	63	76403	98.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.78%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	154598	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	136110	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	93315	44.967	ug/L 100
3) Chloromethane	1.25	50	106231	44.068	ug/L 99
5) Vinyl chloride	1.32	62	110798	46.390	ug/L 97
6) Bromomethane	1.53	94	67214	47.086	ug/L 98
8) Chloroethane	1.60	64	74144	48.637	ug/L 100
9) Trichlorofluoromethane	1.76	101	165974	48.648	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99104	52.024	ug/L 98
12) 1,1-Dichloroethene	2.13	96	89513	49.645	ug/L 91
13) Acetone	2.19	43	157814	113.746	ug/L 100
14) Carbon disulfide	2.31	76	231633	46.675	ug/L 99
15) Methyl Acetate	2.44	43	106749	47.677	ug/L 99
16) Methylene chloride	2.52	84	110938	48.295	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	91756	49.505	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	311453	50.810	ug/L 100
19) 1,1-Dichloroethane	3.21	63	188200	50.498	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	106929	52.499	ug/L 100
22) 2-Butanone	3.99	43	174029	111.811	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54904	51.601	ug/L	98
25) Chloroform	4.40	83	195710	51.486	ug/L	99
27) 1,2-Dichloroethane	5.15	62	151838	50.184	ug/L	99
29) Cyclohexane	4.70	56	153407	47.513	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	163915	50.001	ug/L	98
31) Carbon tetrachloride	4.85	117	141890	51.992	ug/L	99
33) Benzene	5.12	78	409868	49.522	ug/L	100
34) Trichloroethene	5.94	95	108029	49.380	ug/L	98
35) Methylcyclohexane	6.15	83	158790	48.812	ug/L	99
37) 1,2-Dichloropropane	6.20	63	111698	49.487	ug/L	100
38) Bromodichloromethane	6.53	83	145202	51.792	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	170576	53.310	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	290943	98.604	ug/L	100
42) Toluene	7.41	91	437777	50.690	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	168495	55.500	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	105290	50.372	ug/L	100
46) Tetrachloroethene	7.99	164	84967	52.957	ug/L	98
48) 2-Hexanone	8.15	43	244099	102.591	ug/L	99
49) Dibromochloromethane	8.27	129	115552	56.636	ug/L	98
50) 1,2-Dibromoethane	8.37	107	107898	49.892	ug/L	97
51) Chlorobenzene	8.90	112	286530	51.585	ug/L	98
52) Ethylbenzene	9.03	91	486540	51.668	ug/L	100
53) m,p-Xylene	9.16	106	183996	53.125	ug/L	95
54) o-xylene	9.56	106	176572	51.589	ug/L	98
55) Styrene	9.58	104	319045	54.432	ug/L	98
56) Isopropylbenzene	9.95	105	480114	53.173	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	163598	50.261	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	136927	49.121	ug/L	100
61) Bromoform	9.75	173	84506	59.836	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	240264	50.621	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	245805	50.413	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	237967	48.711	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34280	47.625	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	189108	52.449	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	174521	55.054	ug/L	99
69) Naphthalene	13.52	128	459174	52.553	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	174208	54.040	ug/L	100

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

