

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018309.D
 Acq On : 18 Sep 2020 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Sep 19 01:39:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157501	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109188	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.58	69	88096	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.12	63	206406	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.14%
21) 2-Butanone-d5	3.91	46	128944	90.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.93%
24) Chloroform-d	4.37	84	192940	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.05	65	121070	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.07	84	379049	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.09	67	118718	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	355034	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.64	79	60939	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.11	63	93959	96.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	156029	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	144332	44.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	107280	51.750	ug/L 100
3) Chloromethane	1.25	50	117435	51.878	ug/L 100
5) Vinyl chloride	1.32	62	119057	51.289	ug/L 100
6) Bromomethane	1.53	94	74267	52.345	ug/L 98
8) Chloroethane	1.59	64	75768	52.106	ug/L 99
9) Trichlorofluoromethane	1.77	101	170801	53.479	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103732	54.071	ug/L 99
12) 1,1-Dichloroethene	2.13	96	99094	53.086	ug/L 97
13) Acetone	2.20	43	127641	112.402	ug/L 100
14) Carbon disulfide	2.31	76	285624	50.005	ug/L 99
15) Methyl Acetate	2.45	43	104857	51.381	ug/L 100
16) Methylene chloride	2.52	84	107189	51.201	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	99713	51.832	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	303522	51.004	ug/L 100
19) 1,1-Dichloroethane	3.21	63	190100	52.264	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	106096	51.592	ug/L 99
22) 2-Butanone	4.00	43	159715	118.775	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56203	52.235	ug/L	97
25) Chloroform	4.40	83	192423	52.044	ug/L	98
27) 1,2-Dichloroethane	5.15	62	152581	53.308	ug/L	99
29) Cyclohexane	4.70	56	169510	51.722	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	168642	51.200	ug/L	99
31) Carbon tetrachloride	4.85	117	148361	51.225	ug/L	97
33) Benzene	5.12	78	421007	51.882	ug/L	100
34) Trichloroethene	5.94	95	108683	49.166	ug/L	99
35) Methylcyclohexane	6.15	83	176483	53.025	ug/L	99
37) 1,2-Dichloropropane	6.20	63	112069	52.118	ug/L	99
38) Bromodichloromethane	6.53	83	141998	50.745	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	164183	49.556	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	269776	103.415	ug/L	100
42) Toluene	7.41	91	450360	52.444	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	168729	52.306	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	102348	51.352	ug/L	99
46) Tetrachloroethene	8.00	164	90692	52.326	ug/L	99
48) 2-Hexanone	8.16	43	221866	107.879	ug/L	99
49) Dibromochloromethane	8.27	129	115788	51.757	ug/L	99
50) 1,2-Dibromoethane	8.37	107	107747	51.367	ug/L	99
51) Chlorobenzene	8.90	112	289627	51.932	ug/L	100
52) Ethylbenzene	9.03	91	497633	53.078	ug/L	100
53) m,p-Xylene	9.16	106	189177	54.059	ug/L	97
54) o-xylene	9.56	106	180139	53.433	ug/L	100
55) Styrene	9.58	104	326133	55.656	ug/L	97
56) Isopropylbenzene	9.95	105	490322	53.965	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	160871	54.566	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	130866	51.743	ug/L	100
61) Bromoform	9.75	173	85549	50.561	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	243926	52.083	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	251840	52.315	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	240363	50.775	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35266	52.792	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	190520	51.601	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	172163	52.363	ug/L	99
69) Naphthalene	13.52	128	474956	57.090	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	176409	54.475	ug/L	99

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

