

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012340.D
 Acq On : 22 Aug 2019 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Aug 23 06:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 13:15:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207265	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53846	54.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.74%
7) Chloroethane-d5	1.58	69	34484	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.02%
11) 1,1-Dichloroethene-d2	2.13	63	95247	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.62%
21) 2-Butanone-d5	3.92	46	69861	91.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.34%
24) Chloroform-d	4.40	84	145830	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
26) 1,2-Dichloroethane-d4	5.08	65	102866	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.96%
32) Benzene-d6	5.10	84	266154	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.11	67	72849	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.36	98	277333	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%
43) trans-1,3-Dichloropropene-	7.66	79	45403	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.50%
47) 2-Hexanone-d5	8.13	63	53378	87.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107295	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	127247	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	103242	58.148	ug/L 99
3) Chloromethane	1.25	50	61940	61.204	ug/L 98
5) Vinyl chloride	1.33	62	58696	58.636	ug/L 100
6) Bromomethane	1.52	94	28021	53.693	ug/L 92
8) Chloroethane	1.60	64	28211	49.812	ug/L 99
9) Trichlorofluoromethane	1.77	101	112534	55.880	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47785	52.365	ug/L 98
12) 1,1-Dichloroethene	2.14	96	42451	50.918	ug/L 88
13) Acetone	2.18	43	43333	75.493	ug/L 100
14) Carbon disulfide	2.32	76	157149	50.063	ug/L 100
15) Methyl Acetate	2.45	43	50426	46.818	ug/L 98
16) Methylene chloride	2.53	84	65782	51.788	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	63557	50.377	ug/L 97
18) Methyl tert-butyl Ether	2.80	73	208735	49.941	ug/L 99
19) 1,1-Dichloroethane	3.23	63	112496	53.102	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	73736	52.521	ug/L 98
22) 2-Butanone	4.01	43	75256	91.366	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	42698	54.966	ug/L	95
25) Chloroform	4.42	83	137503	52.575	ug/L	99
27) 1,2-Dichloroethane	5.17	62	113766	53.515	ug/L	99
29) Cyclohexane	4.73	56	91650	48.993	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	133475	50.463	ug/L	98
31) Carbon tetrachloride	4.87	117	126933	51.085	ug/L	99
33) Benzene	5.14	78	262301	50.644	ug/L	100
34) Trichloroethene	5.96	95	77530	51.108	ug/L	98
35) Methylcyclohexane	6.17	83	116995	51.006	ug/L	97
37) 1,2-Dichloropropane	6.22	63	58541	49.859	ug/L	98
38) Bromodichloromethane	6.55	83	106984	52.058	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	115724	53.093	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	157510	99.773	ug/L	99
42) Toluene	7.43	91	309524	52.980	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	107014	51.515	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	71951	53.009	ug/L	97
46) Tetrachloroethene	8.02	164	74571	51.371	ug/L	97
48) 2-Hexanone	8.18	43	114499	96.070	ug/L	97
49) Dibromochloromethane	8.29	129	96228	52.426	ug/L	99
50) 1,2-Dibromoethane	8.39	107	78746	52.275	ug/L	98
51) Chlorobenzene	8.92	112	212153	52.456	ug/L	99
52) Ethylbenzene	9.05	91	357580	52.957	ug/L	99
53) m,p-Xylene	9.18	106	141287	53.915	ug/L	97
54) o-xylene	9.59	106	136930	53.235	ug/L	99
55) Styrene	9.60	104	236756	54.967	ug/L	99
56) Isopropylbenzene	9.97	105	373349	53.576	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	102322	51.878	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	86823	51.894	ug/L	99
61) Bromoform	9.78	173	74180	48.281	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	186227	51.394	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	190222	52.022	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	188781	51.485	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	24179	45.328	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	146973	51.170	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	115077	51.208	ug/L	99
69) Naphthalene	13.55	128	287611	47.640	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	122548	53.261	ug/L	99

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

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