

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012205.D
 Acq On : 12 Aug 2019 13:19
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Aug 12 14:05:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 14:00:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	466539	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	443922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30013	15.29	ug/L	0.00
7) Chloroethane-d5	1.58	69	28317	20.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	57622	15.59	ug/L	0.00
21) 2-Butanone-d5	3.93	46	55897	46.60	ug/L	0.01
24) Chloroform-d	4.40	84	69797	16.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	46362	18.65	ug/L	0.00
32) Benzene-d6	5.10	84	143171	17.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	44069	18.78	ug/L	0.00
41) Toluene-d8	7.36	98	126135	16.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	21674	17.57	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	35166	37.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62909	19.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	55765	18.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35198	8.804	ug/L 99
3) Chloromethane	1.25	50	32972	11.088	ug/L 97
5) Vinyl chloride	1.33	62	33530	11.936	ug/L 98
6) Bromomethane	1.54	94	18636	11.484	ug/L 99
8) Chloroethane	1.60	64	18498	12.314	ug/L 100
9) Trichlorofluoromethane	1.77	101	44078	9.762	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24696	11.178	ug/L 99
12) 1,1-Dichloroethene	2.14	96	23458	11.504	ug/L 92
13) Acetone	2.19	43	32969	24.185	ug/L 98
14) Carbon disulfide	2.32	76	78171	10.967	ug/L 100
15) Methyl Acetate	2.46	43	29433	11.067	ug/L 100
16) Methylene chloride	2.54	84	29036	9.758	ug/L 96
17) trans-1,2-Dichloroethene	2.79	96	27368	9.725	ug/L 97
18) Methyl tert-butyl Ether	2.80	73	79720	8.942	ug/L 100
19) 1,1-Dichloroethane	3.23	63	49456	9.871	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	29886	9.393	ug/L 95
22) 2-Butanone	4.02	43	41116	20.802	ug/L 100
23) Bromochloromethane	4.30	128	16193	9.411	ug/L 94
25) Chloroform	4.43	83	55343	9.991	ug/L 95
27) 1,2-Dichloroethane	5.18	62	38927	9.039	ug/L 99
29) Cyclohexane	4.73	56	43107	9.964	ug/L 98
30) 1,1,1-Trichloroethane	4.66	97	44334	8.711	ug/L 100
31) Carbon tetrachloride	4.88	117	38592	8.169	ug/L 98
33) Benzene	5.15	78	108745	9.522	ug/L 100
34) Trichloroethene	5.96	95	28811	9.376	ug/L 96
35) Methylcyclohexane	6.18	83	44830	9.127	ug/L 97
37) 1,2-Dichloropropane	6.22	63	28492	10.281	ug/L 99
38) Bromodichloromethane	6.56	83	36422	8.695	ug/L 95
39) cis-1,3-Dichloropropene	7.07	75	40614	8.685	ug/L 98
40) 4-Methyl-2-pentanone	7.27	43	72517	20.140	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	114829	9.137	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	36956	8.709	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	27656	9.240	ug/L	96
46) Tetrachloroethene	8.02	164	24983	8.632	ug/L	98
48) 2-Hexanone	8.18	43	58626	21.150	ug/L	94
49) Dibromochloromethane	8.29	129	29174	7.849	ug/L	99
50) 1,2-Dibromoethane	8.40	107	28884	8.852	ug/L	96
51) Chlorobenzene	8.93	112	79419	9.335	ug/L	98
52) Ethylbenzene	9.05	91	121839	8.707	ug/L	99
53) m,p-Xylene	9.18	106	45131	8.171	ug/L	94
54) o-xylene	9.59	106	45587	8.403	ug/L	99
55) Styrene	9.60	104	75771	8.300	ug/L	100
56) Isopropylbenzene	9.97	105	115794	8.104	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	43843	9.425	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	35162	9.535	ug/L	99
61) Bromoform	9.77	173	21231	7.982	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	61769	9.472	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	63007	9.626	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	61115	9.314	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9131	9.056	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	45211	8.805	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	34714	8.183	ug/L	97
69) Naphthalene	13.55	128	84666	7.153	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	36378	8.171	ug/L	99

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

