

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021319\
 Data File : VV009293.D
 Acq On : 13 Feb 2019 14:18
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Feb 13 14:49:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 13 14:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	310218	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	305367	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	154206	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215334	40.60	ug/L	0.00
7) Chloroethane-d5	1.57	69	171498	50.74	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	440191	40.38	ug/L	0.00
20) 2-Butanone-d5	3.93	46	157157	66.15	ug/L	0.00
24) Chloroform-d	4.40	84	429979	44.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	257954	45.70	ug/L	0.00
29) Benzene-d6	5.10	84	850442	44.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	265168	44.98	ug/L	0.00
37) Toluene-d8	7.36	98	818885	47.62	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	126075	48.06	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	110194	77.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	247210	42.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	291531	48.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	221653	38.491 ug/L	99
3) Chloromethane	1.25	50	252206	40.637 ug/L	100
5) Vinyl chloride	1.33	62	251244	40.581 ug/L	97
6) Bromomethane	1.52	94	127062	42.996 ug/L	98
8) Chloroethane	1.59	64	143696	43.379 ug/L	96
9) Trichlorofluoromethane	1.77	101	365716	42.610 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	206428	41.706 ug/L	98
12) 1,1-Dichloroethene	2.14	96	182904	40.513 ug/L	90
13) Acetone	2.19	43	204043	60.504 ug/L	99
14) Carbon disulfide	2.32	76	712412	41.219 ug/L	100
15) Methyl Acetate	2.46	43	136033	33.271 ug/L	100
16) Methylene chloride	2.54	84	236069	36.201 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	569870	46.759 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	220853	42.996 ug/L	99
19) 1,1-Dichloroethane	3.23	63	432127	44.193 ug/L	96
21) 2-Butanone	4.02	43	221869	64.856 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	241002	45.678 ug/L	99
23) Bromochloromethane	4.30	128	106179	44.858 ug/L	99
25) Chloroform	4.43	83	440598	45.578 ug/L	100
27) 1,2-Dichloroethane	5.18	62	318836	45.958 ug/L	99
30) Cyclohexane	4.73	56	419838	43.407 ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	373161	42.067 ug/L	99
32) Carbon tetrachloride	4.88	117	332629	42.413 ug/L	99
34) Benzene	5.15	78	912921	43.635 ug/L	100
35) Trichloroethene	5.96	95	243317	42.887 ug/L	98
36) Methylcyclohexane	6.18	83	417045	43.981 ug/L	97
40) 1,2-Dichloropropane	6.22	63	250992	45.547 ug/L	100
41) Bromodichloromethane	6.56	83	318554	44.721 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	387454	48.153 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	384813	73.008 ug/L	100

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44) Toluene	7.43	91	1018285	46.387	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	344006	47.977	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	181209	43.208	ug/L	98
47) Tetrachloroethene	8.02	164	187469	43.826	ug/L	99
49) 2-Hexanone	8.18	43	337421	74.654	ug/L	99
50) Dibromochloromethane	8.29	129	224012	46.518	ug/L	96
51) 1,2-Dibromoethane	8.40	107	178965	42.571	ug/L	98
52) Chlorobenzene	8.93	112	641991	46.287	ug/L	100
53) Ethylbenzene	9.06	91	1159850	47.689	ug/L	99
54) m,p-Xylene	9.18	106	433917	48.451	ug/L	98
55) o-xylene	9.59	106	419503	49.505	ug/L	96
56) Styrene	9.60	104	726417	50.917	ug/L	99
57) Isopropylbenzene	9.98	105	1140671	49.051	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	252103	41.188	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	186322	38.902	ug/L	100
62) Bromoform	9.78	173	133859	43.815	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	504630	46.172	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	515380	46.660	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	480638	46.970	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	44473	34.397	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	385479	47.502	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	316245	50.017	ug/L	98
69) Naphthalene	13.55	128	622434	48.814	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	290042	50.478	ug/L	98

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

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