

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010060.D
 Acq On : 02 Apr 2019 14:05
 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: Apr 02 14:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 14:35:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	300808	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	295511	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	151809	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193970	46.95	ug/L	0.00
7) Chloroethane-d5	1.58	69	248255	68.24	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	486349	46.92	ug/L	0.00
20) 2-Butanone-d5	3.94	46	122998	109.73	ug/L	0.00
24) Chloroform-d	4.40	84	390427	53.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	220553	49.77	ug/L	0.00
29) Benzene-d6	5.10	84	771696	50.66	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	228816	52.67	ug/L	0.00
37) Toluene-d8	7.36	98	764299	51.29	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	104739	55.97	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	95125	110.54	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	231395	51.61	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	302274	49.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	188812	40.754	ug/L 98
3) Chloromethane	1.25	50	173116	42.767	ug/L 99
5) Vinyl chloride	1.32	62	196057	44.277	ug/L 99
6) Bromomethane	1.53	94	238586	60.465	ug/L 98
8) Chloroethane	1.59	64	188407	64.286	ug/L 99
9) Trichlorofluoromethane	1.76	101	414033	45.430	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	231619	44.904	ug/L 99
12) 1,1-Dichloroethene	2.14	96	194301	43.701	ug/L 99
13) Acetone	2.20	43	98624	74.349	ug/L 99
14) Carbon disulfide	2.32	76	407807	45.664	ug/L 99
15) Methyl Acetate	2.46	43	88221	45.830	ug/L 99
16) Methylene chloride	2.53	84	194576	37.020	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	447690	48.820	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	173103	46.786	ug/L 98
19) 1,1-Dichloroethane	3.23	63	304095	46.724	ug/L 98
21) 2-Butanone	4.03	43	120728	95.732	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	199118	48.022	ug/L 96
23) Bromochloromethane	4.30	128	97112	47.390	ug/L 91
25) Chloroform	4.42	83	342857	44.971	ug/L 99
27) 1,2-Dichloroethane	5.18	62	232209	47.952	ug/L 100
30) Cyclohexane	4.72	56	255298	47.291	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	295744	48.985	ug/L 99
32) Carbon tetrachloride	4.87	117	270150	49.132	ug/L 97
34) Benzene	5.15	78	701204	47.381	ug/L 100
35) Trichloroethene	5.96	95	195597	46.210	ug/L 99
36) Methylcyclohexane	6.18	83	304981	46.840	ug/L 99
40) 1,2-Dichloropropane	6.22	63	174858	48.287	ug/L 100
41) Bromodichloromethane	6.55	83	246834	51.149	ug/L 95
42) cis-1,3-Dichloropropene	7.07	75	283273	51.135	ug/L 99
43) 4-Methyl-2-pentanone	7.27	43	268495	97.018	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	802484	47.844	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	245477	53.290	ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	159168	48.525	ug/L	98
47) Tetrachloroethene	8.02	164	165587	46.086	ug/L	96
49) 2-Hexanone	8.19	43	202822	110.510	ug/L	97
50) Dibromochloromethane	8.29	129	197960	52.185	ug/L	96
51) 1,2-Dibromoethane	8.40	107	160517	48.815	ug/L	99
52) Chlorobenzene	8.93	112	540513	46.803	ug/L	99
53) Ethylbenzene	9.05	91	884660	47.734	ug/L	99
54) m,p-Xylene	9.18	106	349776	47.071	ug/L	97
55) o-xylene	9.59	106	347913	49.497	ug/L	92
56) Styrene	9.60	104	593211	50.437	ug/L	99
57) Isopropylbenzene	9.97	105	913992	48.807	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	210058	49.503	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	148361	47.648	ug/L	99
62) Bromoform	9.78	173	116335	54.858	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	444517	48.549	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	457974	47.568	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	430972	47.690	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	30370	52.129	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.69	180	340575	50.437	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	281793	57.217	ug/L	99
69) Naphthalene	13.55	128	513932	66.378	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	268937	58.279	ug/L	99

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

