

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010345.D
 Acq On : 18 Apr 2019 12:23
 Operator : SY/MD
 Sample : VSTD02503
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02503

Quant Time: Apr 18 12:43:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 10:08:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	321409	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	318272	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	166542	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99378	26.86	ug/L	0.00
7) Chloroethane-d5	1.57	69	83892	26.38	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	240351	25.52	ug/L	0.00
20) 2-Butanone-d5	3.94	46	64940	69.36	ug/L	0.00
24) Chloroform-d	4.40	84	220220	30.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	124657	29.82	ug/L	0.00
29) Benzene-d6	5.10	84	411413	26.81	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	125728	27.54	ug/L	0.00
37) Toluene-d8	7.36	98	400414	26.76	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	59412	31.22	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	50467	64.01	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	120448	29.40	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	170635	27.74	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	128324	24.914	ug/L	100
3) Chloromethane	1.25	50	105678	25.005	ug/L	98
5) Vinyl chloride	1.32	62	112230	24.694	ug/L	99
6) Bromomethane	1.52	94	77196	20.957	ug/L	99
8) Chloroethane	1.59	64	70589	24.908	ug/L	97
9) Trichlorofluoromethane	1.76	101	236808	25.727	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	119840	24.320	ug/L	99
12) 1,1-Dichloroethene	2.14	96	106061	25.011	ug/L	98
13) Acetone	2.19	43	55603	55.582	ug/L	98
14) Carbon disulfide	2.31	76	255989	24.997	ug/L	99
15) Methyl Acetate	2.46	43	50840	28.534	ug/L	93
16) Methylene chloride	2.53	84	112581	17.886	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	261843	28.535	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	100763	25.008	ug/L	95
19) 1,1-Dichloroethane	3.23	63	178037	26.862	ug/L	98
21) 2-Butanone	4.02	43	67254	58.943	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	117017	26.691	ug/L	97
23) Bromochloromethane	4.30	128	59086	27.370	ug/L	98
25) Chloroform	4.43	83	204710	26.002	ug/L	98
27) 1,2-Dichloroethane	5.18	62	145681	28.914	ug/L	98
30) Cyclohexane	4.73	56	149146	25.024	ug/L	95
31) 1,1,1-Trichloroethane	4.66	97	180202	27.067	ug/L	98
32) Carbon tetrachloride	4.87	117	171641	27.667	ug/L	98
34) Benzene	5.15	78	408815	25.340	ug/L	100
35) Trichloroethene	5.96	95	117417	25.189	ug/L	99
36) Methylcyclohexane	6.18	83	176302	25.310	ug/L	98
40) 1,2-Dichloropropane	6.22	63	103201	26.142	ug/L	98
41) Bromodichloromethane	6.55	83	147871	28.112	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	157959	26.404	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	154290	60.387	ug/L	99

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44) Toluene	7.43	91	460487	25.389	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	149584	29.793	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	92362	27.581	ug/L	99
47) Tetrachloroethene	8.02	164	104077	25.186	ug/L	95
49) 2-Hexanone	8.18	43	105398	62.741	ug/L	97
50) Dibromochloromethane	8.29	129	117748	28.744	ug/L	100
51) 1,2-Dibromoethane	8.40	107	91119	26.678	ug/L #	97
52) Chlorobenzene	8.93	112	314596	24.857	ug/L	98
53) Ethylbenzene	9.05	91	518079	25.904	ug/L	100
54) m,p-Xylene	9.18	106	197754	25.064	ug/L	95
55) o-xylene	9.59	106	196140	24.964	ug/L	90
56) Styrene	9.60	104	336779	26.921	ug/L	99
57) Isopropylbenzene	9.97	105	520654	26.073	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	116050	28.039	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	85498	28.068	ug/L	98
62) Bromoform	9.77	173	68164	28.202	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	266270	25.786	ug/L	96
64) 1,4-Dichlorobenzene	11.32	146	274963	26.168	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	260413	26.419	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	18383	32.966	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	225143	29.424	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	179333	34.204	ug/L	98
69) Naphthalene	13.55	128	324405	45.531	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	175640	36.122	ug/L	99

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

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