

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009362.D
 Acq On : 26 Feb 2019 11:00
 Operator : SY/MD
 Sample : VSTD02583
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02583

Quant Time: Feb 26 11:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 26 10:19:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170140	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55034	24.31	ug/L	0.00
7) Chloroethane-d5	1.57	69	63511	23.72	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	147518	26.51	ug/L	0.00
20) 2-Butanone-d5	3.94	46	34026	42.95	ug/L	0.00
24) Chloroform-d	4.40	84	110047	27.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	63337	29.56	ug/L	0.00
29) Benzene-d6	5.10	84	225849	27.36	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	66325	27.30	ug/L	0.00
37) Toluene-d8	7.36	98	222260	28.29	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	32785	26.28	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	29609	43.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	70436	26.52	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	80051	26.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	53894	27.139	ug/L 98
3) Chloromethane	1.25	50	57554	23.722	ug/L 98
5) Vinyl chloride	1.32	62	61914	22.503	ug/L 98
6) Bromomethane	1.53	94	70013	27.345	ug/L 98
8) Chloroethane	1.59	64	43939	18.920	ug/L 97
9) Trichlorofluoromethane	1.77	101	129824	25.064	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70862	23.922	ug/L 97
12) 1,1-Dichloroethene	2.14	96	59345	23.773	ug/L 81
13) Acetone	2.20	43	40868	52.775	ug/L 97
14) Carbon disulfide	2.32	76	162594	24.341	ug/L 98
15) Methyl Acetate	2.46	43	24471	21.672	ug/L 100
16) Methylene chloride	2.54	84	51974	20.194	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	135000	24.415	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	53313	23.707	ug/L 94
19) 1,1-Dichloroethane	3.23	63	93848	25.125	ug/L 99
21) 2-Butanone	4.03	43	51856	58.452	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	59354	24.161	ug/L 98
23) Bromochloromethane	4.30	128	26658	23.712	ug/L 91
25) Chloroform	4.43	83	101796	25.611	ug/L 96
27) 1,2-Dichloroethane	5.18	62	70495	26.192	ug/L # 94
30) Cyclohexane	4.73	56	95522	25.034	ug/L 95
31) 1,1,1-Trichloroethane	4.66	97	91607	24.643	ug/L 98
32) Carbon tetrachloride	4.88	117	76470	24.343	ug/L 100
34) Benzene	5.15	78	220465	24.495	ug/L 100
35) Trichloroethene	5.96	95	60632	24.219	ug/L 96
36) Methylcyclohexane	6.18	83	103586	23.656	ug/L 95
40) 1,2-Dichloropropane	6.22	63	53699	24.582	ug/L # 97
41) Bromodichloromethane	6.56	83	76850	24.702	ug/L 97
42) cis-1,3-Dichloropropene	7.07	75	86987	23.464	ug/L 99
43) 4-Methyl-2-pentanone	7.28	43	77761	42.406	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	245765	24.620	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	79531	24.499	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	44602	22.929	ug/L	95
47) Tetrachloroethene	8.02	164	45310	23.158	ug/L	94
49) 2-Hexanone	8.19	43	71845	50.944	ug/L	98
50) Dibromochloromethane	8.29	129	57864	24.670	ug/L	100
51) 1,2-Dibromoethane	8.40	107	45274	23.205	ug/L	98
52) Chlorobenzene	8.93	112	165369	25.442	ug/L	99
53) Ethylbenzene	9.06	91	289065	25.633	ug/L	98
54) m,p-Xylene	9.18	106	114909	26.114	ug/L	97
55) o-xylene	9.59	106	113819	27.557	ug/L	98
56) Styrene	9.60	104	187176	26.408	ug/L	98
57) Isopropylbenzene	9.98	105	303193	26.517	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	64508	23.500	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	46619	23.700	ug/L	99
62) Bromoform	9.78	173	36005	23.485	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	126220	23.695	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	123906	23.336	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	119992	24.024	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	11613	20.936	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	90021	23.355	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	70176	22.314	ug/L	99
69) Naphthalene	13.55	128	144703	21.466	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	64784	22.320	ug/L	99

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

