

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010058.D
 Acq On : 02 Apr 2019 13:12
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Apr 02 14:42:02 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	281662	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	266266	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19333	5.00	ug/L	0.00
7) Chloroethane-d5	1.57	69	25613	7.52	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	51668	5.32	ug/L	0.00
20) 2-Butanone-d5	3.95	46	8374	7.98	ug/L	0.01
24) Chloroform-d	4.40	84	35305	5.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	19030	4.59	ug/L	0.00
29) Benzene-d6	5.10	84	69662	5.08	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	20235	5.17	ug/L	0.00
37) Toluene-d8	7.36	98	63409	4.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	8009	4.75	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	7328	9.45	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	18468	4.57	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	24029	4.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25149	5.797 ug/L	100
3) Chloromethane	1.25	50	21450	5.659 ug/L	98
5) Vinyl chloride	1.32	62	22991	5.545 ug/L	94
6) Bromomethane	1.53	94	23498	6.360 ug/L	99
8) Chloroethane	1.59	64	17184	6.262 ug/L	97
9) Trichlorofluoromethane	1.77	101	47035	5.512 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	26243	5.434 ug/L	99
12) 1,1-Dichloroethene	2.14	96	22000	5.284 ug/L	92
13) Acetone	2.20	43	11160	8.985 ug/L	97
14) Carbon disulfide	2.32	76	45812	5.478 ug/L #	95
15) Methyl Acetate	2.47	43	9251	5.132 ug/L	99
16) Methylene chloride	2.54	84	36339	7.384 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	43001	5.008 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	18592	5.367 ug/L	94
19) 1,1-Dichloroethane	3.23	63	31100	5.103 ug/L	96
21) 2-Butanone	4.04	43	11430	9.680 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	20197	5.202 ug/L	89
23) Bromochloromethane	4.31	128	10010	5.217 ug/L	94
25) Chloroform	4.43	83	35466	4.968 ug/L	100
27) 1,2-Dichloroethane	5.18	62	23917	5.275 ug/L	97
30) Cyclohexane	4.73	56	27537	5.661 ug/L #	95
31) 1,1,1-Trichloroethane	4.66	97	29663	5.453 ug/L	97
32) Carbon tetrachloride	4.88	117	26594	5.368 ug/L	98
34) Benzene	5.15	78	69961	5.247 ug/L	100
35) Trichloroethene	5.96	95	21762	5.706 ug/L	95
36) Methylcyclohexane	6.18	83	31385	5.350 ug/L	96
40) 1,2-Dichloropropane	6.22	63	17109	5.244 ug/L	99
41) Bromodichloromethane	6.55	83	21426	4.928 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	22690	4.546 ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	24875	9.976 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	79323	5.249	ug/L	100
45) trans-1,3-Dichloropropene	7.70	75	19108	4.604	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	15408	5.213	ug/L	95
47) Tetrachloroethene	8.02	164	16890	5.217	ug/L	93
49) 2-Hexanone	8.19	43	16982	10.269	ug/L	95
50) Dibromochloromethane	8.29	129	15310	4.479	ug/L	92
51) 1,2-Dibromoethane	8.40	107	14605	4.929	ug/L	97
52) Chlorobenzene	8.93	112	53464	5.138	ug/L	99
53) Ethylbenzene	9.06	91	84403	5.054	ug/L	97
54) m,p-Xylene	9.18	106	31915	4.767	ug/L	98
55) o-xylene	9.59	106	31332	4.947	ug/L	98
56) Styrene	9.61	104	50090	4.727	ug/L	99
57) Isopropylbenzene	9.97	105	82480	4.888	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	19438	5.084	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	14221	5.069	ug/L	94
62) Bromoform	9.77	173	8881	4.864	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	42108	5.342	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	44043	5.313	ug/L	90
65) 1,2-Dichlorobenzene	11.69	146	40541	5.211	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2424	4.833	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	29501	5.074	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	20532	4.842	ug/L	98
69) Naphthalene	13.55	128	27277	4.092	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	18992	4.780	ug/L	96

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

