

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020720\
 Data File : VV014524.D
 Acq On : 06 Feb 2020 18:02
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Feb 07 03:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM020720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 03:18:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366702	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	349550	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	175382	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17096	3.58	ug/L	0.00
7) Chloroethane-d5	1.58	69	12532	3.60	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	27778	3.33	ug/L	0.00
20) 2-Butanone-d5	3.94	46	16091	7.04	ug/L	0.01
24) Chloroform-d	4.40	84	40788	4.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	24981	4.29	ug/L	0.00
29) Benzene-d6	5.10	84	93275	4.61	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	28422	4.60	ug/L	0.00
37) Toluene-d8	7.35	98	86442	4.75	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	13471	4.88	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	13430	10.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	26906	4.72	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	32691	4.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	32770	5.477	ug/L 100
3) Chloromethane	1.25	50	30402	5.387	ug/L 98
5) Vinyl chloride	1.32	62	22458	4.148	ug/L 98
6) Bromomethane	1.52	94	10629	4.133	ug/L 96
8) Chloroethane	1.60	64	10268	3.433	ug/L 99
9) Trichlorofluoromethane	1.77	101	31798	4.173	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	15763	3.602	ug/L 98
12) 1,1-Dichloroethene	2.14	96	13967	3.405	ug/L 97
13) Acetone	2.18	43	15465	5.805	ug/L 94
14) Carbon disulfide	2.32	76	80124	4.742	ug/L 99
15) Methyl Acetate	2.46	43	14337	3.574	ug/L 100
16) Methylene chloride	2.53	84	35016	5.115	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	65968	4.523	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	27129	4.650	ug/L 96
19) 1,1-Dichloroethane	3.23	63	43953	4.179	ug/L 98
21) 2-Butanone	4.02	43	17396	6.159	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	28556	4.599	ug/L 98
23) Bromochloromethane	4.30	128	12923	4.386	ug/L 97
25) Chloroform	4.42	83	49696	4.508	ug/L 99
27) 1,2-Dichloroethane	5.17	62	30676	4.103	ug/L 100
30) Cyclohexane	4.72	56	44018	4.725	ug/L 99
31) 1,1,1-Trichloroethane	4.66	97	37717	4.291	ug/L 97
32) Carbon tetrachloride	4.87	117	34153	4.393	ug/L 98
34) Benzene	5.14	78	99743	4.384	ug/L 100
35) Trichloroethene	5.96	95	27664	4.518	ug/L 98
36) Methylcyclohexane	6.17	83	47835	4.955	ug/L 98
40) 1,2-Dichloropropane	6.22	63	25225	4.393	ug/L 100
41) Bromodichloromethane	6.55	83	32597	4.368	ug/L 98
42) cis-1,3-Dichloropropene	7.07	75	41694	4.766	ug/L 95
43) 4-Methyl-2-pentanone	7.26	43	38740	7.607	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	111054	4.754	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	34175	4.595	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	21638	4.676	ug/L	97
47) Tetrachloroethene	8.02	164	21329	4.190	ug/L	99
49) 2-Hexanone	8.18	43	27081	7.276	ug/L	99
50) Dibromochloromethane	8.29	129	23456	4.241	ug/L	98
51) 1,2-Dibromoethane	8.39	107	20853	4.363	ug/L #	98
52) Chlorobenzene	8.92	112	73941	4.676	ug/L	99
53) Ethylbenzene	9.05	91	124404	4.832	ug/L	99
54) m,p-Xylene	9.18	106	46493	4.794	ug/L	93
55) o-xylene	9.58	106	46452	4.994	ug/L	97
56) Styrene	9.60	104	75221	4.693	ug/L	96
57) Isopropylbenzene	9.97	105	122203	4.944	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	26984	4.510	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	20442	4.195	ug/L	99
62) Bromoform	9.77	173	13527	3.950	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	58022	4.765	ug/L	99
64) 1,4-Dichlorobenzene	11.31	146	58868	4.719	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	54413	4.812	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	4598	4.419	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	41591	4.401	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	35911	4.384	ug/L	98
69) Naphthalene	13.55	128	81891	5.060	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	32786	4.352	ug/L	98

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

