

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020720\
 Data File : VV014525.D
 Acq On : 06 Feb 2020 18:27
 Operator : SY/MD
 Sample : VSTD02563
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Quant Time: Feb 07 03:21:40 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	344474	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80314	17.89	ug/L	0.00
7) Chloroethane-d5	1.58	69	59165	18.07	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	133875	17.11	ug/L	0.00
20) 2-Butanone-d5	3.92	46	77724	36.21	ug/L	0.00
24) Chloroform-d	4.40	84	194020	20.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	121979	22.30	ug/L	0.00
29) Benzene-d6	5.09	84	444408	23.59	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	136339	23.70	ug/L	0.00
37) Toluene-d8	7.35	98	412423	24.36	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	66275	25.80	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	62296	50.10	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	124177	23.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	150962	23.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	159880	28.445	ug/L 100
3) Chloromethane	1.25	50	114843	21.661	ug/L 100
5) Vinyl chloride	1.32	62	100713	19.802	ug/L 100
6) Bromomethane	1.53	94	56163	23.249	ug/L 100
8) Chloroethane	1.60	64	53165	18.922	ug/L 100
9) Trichlorofluoromethane	1.77	101	157571	22.014	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	76892	18.705	ug/L 100
12) 1,1-Dichloroethene	2.14	96	68953	17.893	ug/L 100
13) Acetone	2.18	43	68561	27.395	ug/L 100
14) Carbon disulfide	2.32	76	387829	24.432	ug/L 100
15) Methyl Acetate	2.45	43	72185	19.155	ug/L 100
16) Methylene chloride	2.53	84	146230	22.738	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	351542	25.656	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	133557	24.369	ug/L 100
19) 1,1-Dichloroethane	3.23	63	230051	23.284	ug/L 100
21) 2-Butanone	4.01	43	111566	42.047	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	148673	25.489	ug/L 100
23) Bromochloromethane	4.29	128	67873	24.522	ug/L 100
25) Chloroform	4.42	83	259145	25.026	ug/L 100
27) 1,2-Dichloroethane	5.17	62	163479	23.277	ug/L 100
30) Cyclohexane	4.72	56	219449	25.318	ug/L 100
31) 1,1,1-Trichloroethane	4.65	97	199544	24.399	ug/L 100
32) Carbon tetrachloride	4.87	117	173958	24.049	ug/L 100
34) Benzene	5.14	78	526807	24.885	ug/L 100
35) Trichloroethene	5.96	95	137923	24.210	ug/L 100
36) Methylcyclohexane	6.17	83	236608	26.343	ug/L 100
40) 1,2-Dichloropropane	6.22	63	134060	25.093	ug/L 100
41) Bromodichloromethane	6.55	83	176084	25.361	ug/L 100
42) cis-1,3-Dichloropropene	7.06	75	221480	27.212	ug/L 100
43) 4-Methyl-2-pentanone	7.26	43	199060	42.007	ug/L 100

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44) Toluene	7.42	91	564377	25.967	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	185940	26.871	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	108427	25.182	ug/L	100
47) Tetrachloroethene	8.01	164	106749	22.536	ug/L	100
49) 2-Hexanone	8.17	43	152263	43.966	ug/L	100
50) Dibromochloromethane	8.29	129	130514	25.364	ug/L	100
51) 1,2-Dibromoethane	8.39	107	112237	25.236	ug/L	100
52) Chlorobenzene	8.92	112	369332	25.104	ug/L	100
53) Ethylbenzene	9.05	91	633230	26.433	ug/L	100
54) m,p-Xylene	9.18	106	242449	26.867	ug/L	100
55) o-xylene	9.58	106	236456	27.323	ug/L	100
56) Styrene	9.60	104	408224	27.370	ug/L	100
57) Isopropylbenzene	9.97	105	620540	26.984	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	141661	25.443	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	104336	23.012	ug/L	100
62) Bromoform	9.77	173	76712	23.998	ug/L	100
63) 1,3-Dichlorobenzene	11.22	146	296120	26.051	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	296471	25.458	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	273908	25.946	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	24374	25.091	ug/L	100
67) 1,3,5-Trichlorobenzene	12.68	180	215279	24.400	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	189337	24.758	ug/L	100
69) Naphthalene	13.54	128	429428	28.423	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	171411	24.376	ug/L	100

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

