

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020720\
 Data File : VV014527.D
 Acq On : 06 Feb 2020 19:17
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Feb 07 03:22:33 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	349878	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336984	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169578	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	359428	78.85	ug/L	0.00
7) Chloroethane-d5	1.57	69	237073	71.28	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	537072	67.56	ug/L	0.00
20) 2-Butanone-d5	3.91	46	333142	152.79	ug/L	0.00
24) Chloroform-d	4.39	84	897060	94.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	514641	92.63	ug/L	0.00
29) Benzene-d6	5.09	84	1823650	93.42	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	574006	96.30	ug/L	0.00
37) Toluene-d8	7.35	98	1699940	96.90	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	296346	111.36	ug/L	0.00
39) 2-Hexanone-d5	8.12	63	273351	212.19	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	528852	96.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	627627	95.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	602549	105.548	ug/L 99
3) Chloromethane	1.25	50	526984	97.862	ug/L 99
5) Vinyl chloride	1.32	62	418625	81.038	ug/L 99
6) Bromomethane	1.52	94	212897	86.768	ug/L 98
8) Chloroethane	1.59	64	197366	69.160	ug/L 99
9) Trichlorofluoromethane	1.77	101	595702	81.938	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	284785	68.208	ug/L 98
12) 1,1-Dichloroethene	2.14	96	254458	65.012	ug/L 90
13) Acetone	2.18	43	369868	145.504	ug/L 94
14) Carbon disulfide	2.32	76	1449723	89.919	ug/L 99
15) Methyl Acetate	2.45	43	287654	75.153	ug/L 99
16) Methylene chloride	2.53	84	530304	81.186	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	1356031	97.438	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	494900	88.907	ug/L 98
19) 1,1-Dichloroethane	3.23	63	871640	86.858	ug/L 99
21) 2-Butanone	4.00	43	469136	174.079	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	562896	95.014	ug/L 98
23) Bromochloromethane	4.29	128	265577	94.470	ug/L 98
25) Chloroform	4.42	83	919699	87.446	ug/L 100
27) 1,2-Dichloroethane	5.17	62	633099	88.750	ug/L 100
30) Cyclohexane	4.72	56	811174	90.326	ug/L 100
31) 1,1,1-Trichloroethane	4.65	97	760930	89.802	ug/L 99
32) Carbon tetrachloride	4.87	117	680866	90.850	ug/L 99
34) Benzene	5.14	78	1972662	89.937	ug/L 100
35) Trichloroethene	5.96	95	521977	88.432	ug/L 99
36) Methylcyclohexane	6.17	83	883227	94.909	ug/L 100
40) 1,2-Dichloropropane	6.22	63	511196	92.351	ug/L 100
41) Bromodichloromethane	6.55	83	701105	97.460	ug/L 100
42) cis-1,3-Dichloropropene	7.06	75	879757	104.325	ug/L 99
43) 4-Methyl-2-pentanone	7.26	43	787960	160.490	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	2100285	93.267	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	733993	102.379	ug/L	99
46) 1,1,2-Trichloroethane	7.87	97	422171	94.633	ug/L	99
47) Tetrachloroethene	8.01	164	399880	81.480	ug/L	99
49) 2-Hexanone	8.17	43	633196	176.467	ug/L	99
50) Dibromochloromethane	8.29	129	528076	99.050	ug/L	97
51) 1,2-Dibromoethane	8.39	107	445782	96.743	ug/L	99
52) Chlorobenzene	8.92	112	1385865	90.918	ug/L	99
53) Ethylbenzene	9.05	91	2349646	94.667	ug/L	100
54) m,p-Xylene	9.18	106	900887	96.354	ug/L	99
55) o-xylene	9.58	106	865733	96.554	ug/L	99
56) Styrene	9.60	104	1506193	97.467	ug/L	97
57) Isopropylbenzene	9.97	105	2256327	94.697	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	546123	94.671	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	408687	86.999	ug/L	100
62) Bromoform	9.77	173	315229	95.208	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	1110079	94.284	ug/L	99
64) 1,4-Dichlorobenzene	11.31	146	1113656	92.329	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1031985	94.378	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	102713	102.084	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	823469	90.110	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	739253	93.328	ug/L	99
69) Naphthalene	13.54	128	1703763	108.874	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	666480	91.507	ug/L	100

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

