

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014874.D
 Acq On : 05 Feb 2020 15:06
 Operator : SY/VA
 Sample : VSTD10004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10004

Quant Time: Feb 05 15:31:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 14:42:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1065797	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	987638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	458871	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1661925	99.55	ug/L	0.00
7) Chloroethane-d5	2.89	69	1358413	85.11	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	3108688	87.66	ug/L	0.00
20) 2-Butanone-d5	7.07	46	1043892	166.38	ug/L	0.00
24) Chloroform-d	7.65	84	2880933	84.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1583650	83.03	ug/L	0.00
29) Benzene-d6	8.27	84	5859990	84.17	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1951712	85.53	ug/L	0.00
37) Toluene-d8	10.32	98	5296289	87.15	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	837342	92.70	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	858243	192.14	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1505963	84.70	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1703956	88.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	1178467	87.800	ug/L 92
3) Chloromethane	2.22	50	1692324	91.980	ug/L 98
5) Vinyl chloride	2.37	62	1997405	108.000	ug/L 98
6) Bromomethane	2.78	94	1029458	95.117	ug/L 100
8) Chloroethane	2.92	64	1127990	93.936	ug/L 98
9) Trichlorofluoromethane	3.25	101	893284	82.962	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1471611	89.169	ug/L 99
12) 1,1-Dichloroethene	4.04	96	1481578	95.188	ug/L 98
13) Acetone	4.12	43	848903	125.112	ug/L 100
14) Carbon disulfide	4.39	76	4359596	92.282	ug/L 99
15) Methyl Acetate	4.67	43	858321	84.524	ug/L 99
16) Methylene chloride	4.92	84	1554798	79.003	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	1980598	100.267	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	1495724	93.641	ug/L 96
19) 1,1-Dichloroethane	6.21	63	3029311	93.399	ug/L 99
21) 2-Butanone	7.17	43	1180991	162.196	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	1666563	100.944	ug/L 100
23) Bromochloromethane	7.51	128	660772	93.594	ug/L 98
25) Chloroform	7.67	83	2769482	93.530	ug/L 100
27) 1,2-Dichloroethane	8.40	62	1884096	91.074	ug/L 99
30) Cyclohexane	7.95	56	2984958	99.998	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	2096467	90.454	ug/L 100
32) Carbon tetrachloride	8.07	117	1931231	91.727	ug/L 100
34) Benzene	8.32	78	6314179	91.300	ug/L 100
35) Trichloroethene	9.09	95	1608523	94.179	ug/L 100
36) Methylcyclohexane	9.34	83	2918484	97.563	ug/L 99
40) 1,2-Dichloropropane	9.37	63	1720260	92.230	ug/L 100
41) Bromodichloromethane	9.64	83	2073971	97.038	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	2719474	104.746	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	2531317	184.828	ug/L 99

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44) Toluene	10.38	91	6606996	95.488	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	2182685	102.164	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	1167813	94.618	ug/L	98
47) Tetrachloroethene	10.86	164	1169915	91.818	ug/L	99
49) 2-Hexanone	10.96	43	1805960	191.112	ug/L	99
50) Dibromochloromethane	11.13	129	1324642	99.829	ug/L	99
51) 1,2-Dibromoethane	11.23	107	1107424	95.426	ug/L	100
52) Chlorobenzene	11.65	112	4052589	96.008	ug/L	97
53) Ethylbenzene	11.73	91	7401597	98.726	ug/L	99
54) m,p-Xylene	11.84	106	2778940	101.292	ug/L	99
55) o-xylene	12.16	106	2705136	105.839	ug/L	95
56) Styrene	12.18	104	4623666	106.235	ug/L	98
57) Isopropylbenzene	12.46	105	7092633	102.619	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	1476559	91.134	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	1099559	88.647	ug/L	100
62) Bromoform	12.35	173	740797	97.667	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	3064506	99.572	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	3005633	96.885	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	2777086	99.111	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	244145	89.271	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	2212201	101.442	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	1862881	109.341	ug/L	99
69) Naphthalene	15.36	128	3966894	114.760	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1685084	107.025	ug/L	99

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

