

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
 Data File : VW009976.D
 Acq On : 15 Apr 2019 16:40
 Operator : SY/VA
 Sample : VSTD10007
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10007

Quant Time: Apr 15 17:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 16:09:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	690175	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	681944	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	334843	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	727241	80.52	ug/L	0.00
7) Chloroethane-d5	2.89	69	626495	75.72	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1845731	95.03	ug/L	0.00
20) 2-Butanone-d5	7.07	46	778497	265.48	ug/L	0.00
24) Chloroform-d	7.64	84	1901255	100.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1174245	101.56	ug/L	0.00
29) Benzene-d6	8.27	84	3604376	100.69	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1139772	103.08	ug/L	0.00
37) Toluene-d8	10.32	98	3392281	102.49	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	597243	113.25	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	639343	306.77	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1099207	106.93	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	1198026	101.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	1039704	114.360	ug/L 98
3) Chloromethane	2.22	50	923989	98.343	ug/L 100
5) Vinyl chloride	2.37	62	927263	76.941	ug/L 98
6) Bromomethane	2.78	94	623423	74.758	ug/L 98
8) Chloroethane	2.92	64	597923	75.592	ug/L 98
9) Trichlorofluoromethane	3.26	101	718545	97.192	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	857742	89.195	ug/L 98
12) 1,1-Dichloroethene	4.04	96	884879	96.529	ug/L 89
13) Acetone	4.12	43	586560	186.690	ug/L 96
14) Carbon disulfide	4.38	76	2668370	93.648	ug/L 99
15) Methyl Acetate	4.67	43	660978	115.379	ug/L 99
16) Methylene chloride	4.92	84	954943	78.453	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	1307974	103.576	ug/L 99
18) trans-1,2-Dichloroethene	5.41	96	969079	101.649	ug/L 98
19) 1,1-Dichloroethane	6.21	63	1887855	103.187	ug/L 99
21) 2-Butanone	7.17	43	923978	231.231	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	1095864	107.476	ug/L 95
23) Bromochloromethane	7.51	128	482924	103.234	ug/L 97
25) Chloroform	7.67	83	1909400	99.634	ug/L 100
27) 1,2-Dichloroethane	8.40	62	1478004	101.969	ug/L 100
30) Cyclohexane	7.95	56	1714556	106.524	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	1377642	89.053	ug/L 99
32) Carbon tetrachloride	8.06	117	1384747	89.282	ug/L 99
34) Benzene	8.32	78	4018966	97.954	ug/L 100
35) Trichloroethene	9.09	95	1045908	97.407	ug/L 99
36) Methylcyclohexane	9.34	83	1767597	100.129	ug/L 98
40) 1,2-Dichloropropane	9.37	63	1056042	100.548	ug/L 100
41) Bromodichloromethane	9.64	83	1476366	101.874	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	1799947	110.621	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	1977652	242.407	ug/L 98

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44) Toluene	10.39	91	4333652	99.706	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	1573417	112.160	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	826566	104.848	ug/L	99
47) Tetrachloroethene	10.86	164	794379	93.934	ug/L	98
49) 2-Hexanone	10.97	43	1416165	233.126	ug/L	99
50) Dibromochloromethane	11.13	129	1032460	106.600	ug/L	98
51) 1,2-Dibromoethane	11.24	107	839672	106.270	ug/L	100
52) Chlorobenzene	11.66	112	2746913	98.184	ug/L	99
53) Ethylbenzene	11.73	91	4981631	100.616	ug/L	99
54) m,p-Xylene	11.84	106	1854273	101.257	ug/L	99
55) o-xylene	12.17	106	1818784	104.282	ug/L	98
56) Styrene	12.18	104	3176308	104.959	ug/L	98
57) Isopropylbenzene	12.47	105	4805070	100.615	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	1110720	104.778	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	837589	106.143	ug/L	100
62) Bromoform	12.35	173	631094	107.194	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	2118945	102.299	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	2113960	95.706	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1969295	99.377	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	208749	108.219	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	1498733	97.518	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	1301390	105.440	ug/L	99
69) Naphthalene	15.37	128	3087963	124.480	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	1212393	105.006	ug/L	100

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

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