

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010109.D
 Acq On : 24 Apr 2019 11:25
 Operator : SY/VA
 Sample : VSTD05016
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05016

Quant Time: Apr 24 11:53:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 11:30:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	825731	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	771943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	373602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	410433	52.60	ug/L	0.00
7) Chloroethane-d5	2.89	69	345021	43.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1176235	54.35	ug/L	0.00
20) 2-Butanone-d5	7.07	46	385730	91.38	ug/L	0.00
24) Chloroform-d	7.65	84	1122740	47.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	646861	43.67	ug/L	0.00
29) Benzene-d6	8.27	84	2226583	52.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	689381	51.02	ug/L	0.00
37) Toluene-d8	10.32	98	2050227	52.97	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	327050	51.05	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	317148	105.92	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	561320	44.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	704153	50.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	572604	49.426	ug/L 98
3) Chloromethane	2.22	50	454641	43.055	ug/L 100
5) Vinyl chloride	2.37	62	489022	49.231	ug/L 99
6) Bromomethane	2.78	94	300297	40.936	ug/L 99
8) Chloroethane	2.93	64	301037	42.215	ug/L 98
9) Trichlorofluoromethane	3.25	101	279137	34.134	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	502701	47.212	ug/L 98
12) 1,1-Dichloroethene	4.04	96	532255	53.391	ug/L 92
13) Acetone	4.12	43	234710	62.529	ug/L 99
14) Carbon disulfide	4.38	76	1608305	56.912	ug/L 98
15) Methyl Acetate	4.67	43	315201	41.605	ug/L 99
16) Methylene chloride	4.92	84	533570	35.687	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	706475	48.422	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	562181	49.829	ug/L 98
19) 1,1-Dichloroethane	6.21	63	1060750	47.168	ug/L 99
21) 2-Butanone	7.17	43	427168	86.909	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	617116	50.402	ug/L 99
23) Bromochloromethane	7.51	128	264889	46.455	ug/L 98
25) Chloroform	7.67	83	1058246	45.988	ug/L 99
27) 1,2-Dichloroethane	8.40	62	762355	43.032	ug/L 100
30) Cyclohexane	7.95	56	1035930	59.378	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	815826	50.605	ug/L 98
32) Carbon tetrachloride	8.06	117	812050	51.303	ug/L 99
34) Benzene	8.32	78	2300440	50.587	ug/L 100
35) Trichloroethene	9.09	95	603107	51.008	ug/L 99
36) Methylcyclohexane	9.34	83	1070637	56.359	ug/L 97
40) 1,2-Dichloropropane	9.37	63	593819	49.375	ug/L 100
41) Bromodichloromethane	9.64	83	785459	47.838	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	976129	52.646	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	936958	94.594	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2470441	51.208	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	842166	51.440	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	435848	46.469	ug/L	97
47) Tetrachloroethene	10.86	164	465702	50.423	ug/L	98
49) 2-Hexanone	10.97	43	667407	94.846	ug/L	98
50) Dibromochloromethane	11.13	129	534527	48.011	ug/L	98
51) 1,2-Dibromoethane	11.24	107	426209	46.422	ug/L	98
52) Chlorobenzene	11.66	112	1546717	49.133	ug/L	99
53) Ethylbenzene	11.73	91	2826782	52.423	ug/L	99
54) m,p-Xylene	11.84	106	1049601	53.216	ug/L	99
55) o-xylene	12.16	106	1010322	53.408	ug/L	98
56) Styrene	12.18	104	1732744	52.323	ug/L	99
57) Isopropylbenzene	12.46	105	2725486	54.092	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	542099	43.935	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	402812	43.623	ug/L	100
62) Bromoform	12.35	173	307207	46.824	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1190081	52.722	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1196135	49.312	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1093649	49.379	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	96866	43.218	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	883753	53.451	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	736676	54.389	ug/L	99
69) Naphthalene	15.37	128	1586535	54.576	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	668993	51.766	ug/L	100

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

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