

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009662.D
 Acq On : 03 Apr 2019 13:48
 Operator : SY/VA
 Sample : VSTD05013
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05013

Quant Time: Apr 03 14:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 14:24:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	520515	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	505438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	262919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	317351	51.02	ug/L	0.00
7) Chloroethane-d5	2.89	69	298540	41.02	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	694350	51.65	ug/L	0.00
20) 2-Butanone-d5	7.07	46	236501	91.94	ug/L	0.00
24) Chloroform-d	7.65	84	680785	47.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	421258	49.23	ug/L	0.00
29) Benzene-d6	8.27	84	1283901	46.06	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	394927	47.17	ug/L	0.00
37) Toluene-d8	10.32	98	1222912	47.45	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	200082	47.59	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	185838	91.65	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	386793	46.91	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	443712	44.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	352466	51.403	ug/L 100
3) Chloromethane	2.22	50	363790	50.006	ug/L 98
5) Vinyl chloride	2.37	62	439565	58.702	ug/L 94
6) Bromomethane	2.78	94	304859	48.595	ug/L 100
8) Chloroethane	2.92	64	297445	48.012	ug/L 98
9) Trichlorofluoromethane	3.26	101	296118	50.063	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	353584	51.763	ug/L 95
12) 1,1-Dichloroethene	4.03	96	335111	52.282	ug/L 96
13) Acetone	4.12	43	222380	105.418	ug/L 99
14) Carbon disulfide	4.38	76	1047881	60.745	ug/L 98
15) Methyl Acetate	4.67	43	215457	51.990	ug/L 99
16) Methylene chloride	4.92	84	361056	47.567	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	519738	57.307	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	356175	52.853	ug/L 99
19) 1,1-Dichloroethane	6.21	63	682936	55.580	ug/L 98
21) 2-Butanone	7.17	43	322082	110.577	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	399482	54.722	ug/L 96
23) Bromochloromethane	7.51	128	180234	51.475	ug/L 96
25) Chloroform	7.67	83	707098	54.950	ug/L 100
27) 1,2-Dichloroethane	8.40	62	547948	57.113	ug/L 99
30) Cyclohexane	7.95	56	639975	55.752	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	553026	54.783	ug/L 98
32) Carbon tetrachloride	8.06	117	567485	55.717	ug/L 100
34) Benzene	8.32	78	1501146	54.262	ug/L 100
35) Trichloroethene	9.09	95	393442	53.372	ug/L 99
36) Methylcyclohexane	9.34	83	683743	53.612	ug/L 99
40) 1,2-Dichloropropane	9.37	63	383582	54.033	ug/L 98
41) Bromodichloromethane	9.64	83	540864	54.987	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	641426	55.475	ug/L 96
43) 4-Methyl-2-pentanone	10.21	43	670557	104.240	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1647626	54.471	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	560294	55.706	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	296481	52.349	ug/L	95
47) Tetrachloroethene	10.86	164	310199	49.802	ug/L	98
49) 2-Hexanone	10.97	43	503469	111.124	ug/L	98
50) Dibromochloromethane	11.13	129	374447	53.558	ug/L	99
51) 1,2-Dibromoethane	11.23	107	299546	52.172	ug/L	99
52) Chlorobenzene	11.66	112	1029264	53.054	ug/L	99
53) Ethylbenzene	11.73	91	1915723	56.334	ug/L	99
54) m,p-Xylene	11.84	106	717344	55.523	ug/L	97
55) o-xylene	12.16	106	698193	55.394	ug/L	99
56) Styrene	12.18	104	1228906	57.145	ug/L	100
57) Isopropylbenzene	12.46	105	1919212	56.842	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	410668	53.749	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	308952	54.487	ug/L	99
62) Bromoform	12.35	173	236458	53.228	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	824390	52.611	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	835592	51.578	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	774983	51.861	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	76636	52.327	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	607866	49.735	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	517706	50.427	ug/L	100
69) Naphthalene	15.37	128	1157078	54.362	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	483382	50.270	ug/L	99

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

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