

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014762.D
 Acq On : 27 Jan 2020 11:59
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Jan 27 12:34:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 27 12:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1054239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	954186	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	459142	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	764170	51.42	ug/L	0.00
7) Chloroethane-d5	2.89	69	723682	66.09	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1434585	52.77	ug/L	0.00
20) 2-Butanone-d5	7.07	46	430232	121.66	ug/L	0.00
24) Chloroform-d	7.65	84	1397627	57.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	722501	57.40	ug/L	0.00
29) Benzene-d6	8.27	84	2904754	57.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	905135	59.33	ug/L	0.00
37) Toluene-d8	10.32	98	2641929	57.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	363881	57.75	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	346253	132.73	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	655133	57.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	859930	56.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	581329	61.641	ug/L 98
3) Chloromethane	2.21	50	603432	56.596	ug/L 100
5) Vinyl chloride	2.36	62	964769	63.595	ug/L 98
6) Bromomethane	2.78	94	536486	60.560	ug/L 99
8) Chloroethane	2.92	64	561354	66.172	ug/L 97
9) Trichlorofluoromethane	3.26	101	532943	66.416	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	688985	50.016	ug/L 99
12) 1,1-Dichloroethene	4.04	96	697327	51.695	ug/L 96
13) Acetone	4.11	43	397349	81.153	ug/L 97
14) Carbon disulfide	4.39	76	2247477	53.965	ug/L 99
15) Methyl Acetate	4.67	43	350233	53.009	ug/L 97
16) Methylene chloride	4.92	84	711026	41.361	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	937097	53.972	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	728732	51.284	ug/L 99
19) 1,1-Dichloroethane	6.21	63	1336899	52.047	ug/L 98
21) 2-Butanone	7.17	43	502193	95.597	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	775901	51.875	ug/L 99
23) Bromochloromethane	7.51	128	320441	49.489	ug/L 94
25) Chloroform	7.67	83	1252975	50.999	ug/L 100
27) 1,2-Dichloroethane	8.40	62	805906	50.530	ug/L 99
30) Cyclohexane	7.95	56	1340899	54.937	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	997621	50.968	ug/L 99
32) Carbon tetrachloride	8.07	117	934747	51.257	ug/L 100
34) Benzene	8.32	78	2932013	51.061	ug/L 100
35) Trichloroethene	9.09	95	751360	50.700	ug/L 99
36) Methylcyclohexane	9.33	83	1344995	51.732	ug/L 99
40) 1,2-Dichloropropane	9.37	63	743947	51.188	ug/L 100
41) Bromodichloromethane	9.64	83	897335	51.329	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	1166866	53.747	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	949155	101.732	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	3069258	51.148	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	920435	53.022	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	499164	48.489	ug/L	99
47) Tetrachloroethene	10.86	164	598242	48.076	ug/L	99
49) 2-Hexanone	10.96	43	712658	111.858	ug/L	99
50) Dibromochloromethane	11.13	129	588581	50.353	ug/L	99
51) 1,2-Dibromoethane	11.23	107	476948	49.081	ug/L	97
52) Chlorobenzene	11.65	112	1868005	49.245	ug/L	100
53) Ethylbenzene	11.73	91	3407593	51.648	ug/L	99
54) m,p-Xylene	11.84	106	1285991	51.507	ug/L	93
55) o-xylene	12.16	106	1218375	51.663	ug/L	100
56) Styrene	12.18	104	2071861	52.197	ug/L	99
57) Isopropylbenzene	12.46	105	3234335	51.558	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	607671	48.617	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	449347	47.990	ug/L	100
62) Bromoform	12.35	173	334672	48.779	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1431906	49.260	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1418638	48.400	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1300125	49.892	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	95202	49.335	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	1073099	49.834	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	862656	53.442	ug/L	98
69) Naphthalene	15.36	128	1613878	57.912	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	763309	52.183	ug/L	99

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

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