

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013959.D
 Acq On : 11 Nov 2019 12:38
 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: Nov 11 13:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 11 12:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299956	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272582	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	153269	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	510673	109.42	ug/L	0.00
7) Chloroethane-d5	2.89	69	405934	108.86	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1002455	105.44	ug/L	0.00
20) 2-Butanone-d5	7.07	46	192402	114.56	ug/L	0.00
24) Chloroform-d	7.64	84	866155	91.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	377902	74.29	ug/L	0.00
29) Benzene-d6	8.27	84	1896619	103.87	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	525990	95.16	ug/L	0.00
37) Toluene-d8	10.32	98	1806164	104.27	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	218488	86.57	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	168297	134.03	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	330924	67.68	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	555917	91.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	372888	115.658	ug/L	99
3) Chloromethane	2.21	50	353435	95.587	ug/L	98
5) Vinyl chloride	2.37	62	507512	96.100	ug/L	96
6) Bromomethane	2.78	94	299700	90.219	ug/L	99
8) Chloroethane	2.92	64	300978	100.390	ug/L	98
9) Trichlorofluoromethane	3.26	101	374258	139.117	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	506917	98.183	ug/L	99
12) 1,1-Dichloroethene	4.04	96	515705	99.621	ug/L	90
13) Acetone	4.12	43	151348	92.527	ug/L	100
14) Carbon disulfide	4.38	76	1517411	102.559	ug/L	100
15) Methyl Acetate	4.67	43	159300	56.242	ug/L	99
16) Methylene chloride	4.92	84	445928	79.510	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	511531	78.112	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	519693	96.328	ug/L	97
19) 1,1-Dichloroethane	6.21	63	859480	93.830	ug/L	100
21) 2-Butanone	7.16	43	224073	99.799	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	531052	93.602	ug/L	97
23) Bromochloromethane	7.51	128	209739	78.621	ug/L	96
25) Chloroform	7.67	83	808679	87.810	ug/L	100
27) 1,2-Dichloroethane	8.40	62	436924	71.732	ug/L	100
30) Cyclohexane	7.95	56	922155	112.108	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	688194	103.101	ug/L	99
32) Carbon tetrachloride	8.07	117	685802	105.066	ug/L	100
34) Benzene	8.32	78	1956587	98.870	ug/L	100
35) Trichloroethene	9.09	95	533730	102.314	ug/L	100
36) Methylcyclohexane	9.34	83	992291	108.371	ug/L	99
40) 1,2-Dichloropropane	9.37	63	450935	92.838	ug/L	100
41) Bromodichloromethane	9.64	83	553177	90.595	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	715064	93.415	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	470194	125.872	ug/L	100

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44) Toluene	10.38	91	2145013	100.870	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	535842	84.717	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	293124	75.575	ug/L	98
47) Tetrachloroethene	10.86	164	483287	100.627	ug/L	99
49) 2-Hexanone	10.97	43	336178	122.504	ug/L	99
50) Dibromochloromethane	11.13	129	373460	82.947	ug/L	97
51) 1,2-Dibromoethane	11.23	107	279342	72.855	ug/L	99
52) Chlorobenzene	11.66	112	1307010	95.304	ug/L	98
53) Ethylbenzene	11.73	91	2380023	100.544	ug/L	99
54) m,p-Xylene	11.84	106	912109	99.986	ug/L	98
55) o-xylene	12.16	106	856500	99.329	ug/L	99
56) Styrene	12.18	104	1433166	96.315	ug/L	98
57) Isopropylbenzene	12.46	105	2394830	102.997	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	325266	66.590	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	231348	63.082	ug/L	100
62) Bromoform	12.35	173	219937	78.925	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1024453	96.519	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	986956	92.760	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	870917	90.745	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	48513	63.101	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	793761	99.291	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	611207	94.438	ug/L	99
69) Naphthalene	15.36	128	988162	80.478	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	517007	86.688	ug/L	99

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

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