

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014213.D
 Acq On : 05 Dec 2019 13:41
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05004

Quant Time: Dec 05 14:19:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1409059	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1282980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	620591	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	980435	43.61	ug/L	0.00
7) Chloroethane-d5	2.88	69	782699	42.94	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1840641	39.89	ug/L	0.00
20) 2-Butanone-d5	7.07	46	669640	102.53	ug/L	0.00
24) Chloroform-d	7.64	84	1860261	42.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	985515	45.24	ug/L	0.00
29) Benzene-d6	8.27	84	3901003	42.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1226432	45.99	ug/L	0.00
37) Toluene-d8	10.32	98	3609804	41.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	541016	47.37	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	574312	113.58	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1035485	51.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1247343	50.03	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	605657	36.142	ug/L	99
3) Chloromethane	2.21	50	562976	37.823	ug/L	97
5) Vinyl chloride	2.36	62	891330	38.352	ug/L	94
6) Bromomethane	2.77	94	552589	38.404	ug/L	100
8) Chloroethane	2.92	64	537256	38.863	ug/L	97
9) Trichlorofluoromethane	3.25	101	482550	30.449	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	867698	37.081	ug/L	95
12) 1,1-Dichloroethene	4.04	96	889569	37.398	ug/L	89
13) Acetone	4.11	43	611965	92.082	ug/L	99
14) Carbon disulfide	4.38	76	2709729	40.025	ug/L	99
15) Methyl Acetate	4.66	43	527367	49.044	ug/L	99
16) Methylene chloride	4.92	84	966323	35.622	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	1295022	42.201	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	971631	39.171	ug/L	94
19) 1,1-Dichloroethane	6.21	63	1725241	41.292	ug/L	99
21) 2-Butanone	7.16	43	821468	96.210	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	1064957	40.799	ug/L	99
23) Bromochloromethane	7.51	128	478617	41.771	ug/L	85
25) Chloroform	7.67	83	1671850	40.747	ug/L	100
27) 1,2-Dichloroethane	8.40	62	1108326	44.617	ug/L	98
30) Cyclohexane	7.95	56	1615121	39.337	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	1237105	38.476	ug/L	98
32) Carbon tetrachloride	8.06	117	1167776	37.835	ug/L	100
34) Benzene	8.32	78	3884806	41.281	ug/L	100
35) Trichloroethene	9.09	95	993361	39.571	ug/L	96
36) Methylcyclohexane	9.33	83	1707467	37.935	ug/L	98
40) 1,2-Dichloropropane	9.37	63	1012466	44.693	ug/L	99
41) Bromodichloromethane	9.64	83	1248790	45.598	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	1615519	45.189	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1504849	100.609	ug/L	99

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44) Toluene	10.38	91	4156554	40.511	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	1301893	46.051	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	772663	46.419	ug/L	98
47) Tetrachloroethene	10.86	164	822472	36.758	ug/L	98
49) 2-Hexanone	10.96	43	1128839	104.681	ug/L	98
50) Dibromochloromethane	11.13	129	892054	45.595	ug/L	96
51) 1,2-Dibromoethane	11.23	107	747792	46.303	ug/L	98
52) Chlorobenzene	11.65	112	2623849	40.792	ug/L	94
53) Ethylbenzene	11.73	91	4554238	40.450	ug/L	99
54) m,p-Xylene	11.83	106	1763885	40.312	ug/L	100
55) o-xylene	12.16	106	1691234	41.276	ug/L	100
56) Styrene	12.18	104	2929591	42.325	ug/L	100
57) Isopropylbenzene	12.46	105	4355547	38.662	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	971867	50.010	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	716879	49.049	ug/L	99
62) Bromoform	12.35	173	550200	54.099	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	2028099	46.542	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	2026046	47.059	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1904843	49.365	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	156426	59.526	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	1477992	44.506	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	1246480	47.736	ug/L	100
69) Naphthalene	15.36	128	2673473	57.631	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1144149	49.649	ug/L	99

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

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