

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010178.D
 Acq On : 29 Apr 2019 12:15
 Operator : SY/VA
 Sample : VSTD05029
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05029

Quant Time: Apr 29 12:57:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 12:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	703388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	658464	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	331630	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	362736	53.95	ug/L	0.00
7) Chloroethane-d5	2.89	69	318070	57.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	834788	42.30	ug/L	0.00
20) 2-Butanone-d5	7.07	46	300822	94.74	ug/L	0.00
24) Chloroform-d	7.65	84	871328	46.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	498457	45.52	ug/L	0.00
29) Benzene-d6	8.27	84	1685726	45.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	527809	45.40	ug/L	0.00
37) Toluene-d8	10.32	98	1550388	45.77	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	248749	46.43	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	255245	104.48	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	453702	47.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	572823	46.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	530053	56.016	ug/L 98
3) Chloromethane	2.21	50	426546	57.597	ug/L 98
5) Vinyl chloride	2.37	62	494365	59.088	ug/L 98
6) Bromomethane	2.78	94	292343	57.300	ug/L 99
8) Chloroethane	2.92	64	296872	58.673	ug/L 96
9) Trichlorofluoromethane	3.25	101	280665	61.615	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	418099	47.283	ug/L 98
12) 1,1-Dichloroethene	4.03	96	425112	46.641	ug/L 96
13) Acetone	4.12	43	210957	88.037	ug/L 99
14) Carbon disulfide	4.37	76	1243002	47.051	ug/L 98
15) Methyl Acetate	4.67	43	251218	44.311	ug/L 99
16) Methylene chloride	4.91	84	449019	45.545	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	572150	47.556	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	454833	46.982	ug/L 99
19) 1,1-Dichloroethane	6.21	63	834032	45.519	ug/L 99
21) 2-Butanone	7.17	43	342371	92.145	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	508436	49.049	ug/L 99
23) Bromochloromethane	7.51	128	227864	50.051	ug/L 97
25) Chloroform	7.67	83	859362	47.507	ug/L 99
27) 1,2-Dichloroethane	8.40	62	604211	45.326	ug/L 97
30) Cyclohexane	7.95	56	792296	46.356	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	685318	48.393	ug/L 99
32) Carbon tetrachloride	8.06	117	685656	48.905	ug/L 99
34) Benzene	8.32	78	1859132	46.418	ug/L 100
35) Trichloroethene	9.09	95	488560	46.252	ug/L 100
36) Methylcyclohexane	9.34	83	852444	48.155	ug/L 99
40) 1,2-Dichloropropane	9.37	63	483286	46.758	ug/L 99
41) Bromodichloromethane	9.64	83	642002	48.066	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	789427	49.111	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	730304	91.705	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2012025	47.456	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	683340	49.264	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	364445	48.600	ug/L	99
47) Tetrachloroethene	10.86	164	405398	50.297	ug/L	95
49) 2-Hexanone	10.97	43	516736	91.805	ug/L	99
50) Dibromochloromethane	11.13	129	463124	51.542	ug/L	95
51) 1,2-Dibromoethane	11.24	107	361483	48.511	ug/L	97
52) Chlorobenzene	11.66	112	1288666	48.037	ug/L	98
53) Ethylbenzene	11.73	91	2300434	48.342	ug/L	100
54) m,p-Xylene	11.84	106	870437	49.451	ug/L	97
55) o-xylene	12.16	106	828831	49.656	ug/L	96
56) Styrene	12.18	104	1444399	50.881	ug/L	98
57) Isopropylbenzene	12.47	105	2253186	49.613	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	449857	47.363	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	333344	46.377	ug/L	99
62) Bromoform	12.35	173	270074	49.015	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1019483	48.316	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1031954	47.128	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	945536	48.448	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	79405	43.771	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	778183	50.292	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	638919	50.752	ug/L	100
69) Naphthalene	15.37	128	1312784	42.225	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	577052	48.956	ug/L	100

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

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