

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015351.D
 Acq On : 27 Apr 2020 10:57
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05003

Quant Time: Apr 27 11:46:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 27 11:03:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337299	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329080	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177194	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	164149	53.51	ug/L	0.00
7) Chloroethane-d5	2.89	69	154282	59.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	317598	40.92	ug/L	0.00
20) 2-Butanone-d5	7.08	46	70711	71.63	ug/L	0.00
24) Chloroform-d	7.65	84	310164	41.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	181397	48.99	ug/L	0.00
29) Benzene-d6	8.27	84	672576	37.83	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	183534	34.31	ug/L	0.00
37) Toluene-d8	10.32	98	722218	42.85	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	97171	40.75	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	68736	72.02	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158175	40.52	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	291219	46.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	223080	64.827 ug/L	99
3) Chloromethane	2.22	50	193089	46.701 ug/L	100
5) Vinyl chloride	2.36	62	226625	56.275 ug/L	99
6) Bromomethane	2.77	94	162831	71.917 ug/L	100
8) Chloroethane	2.92	64	142639	62.099 ug/L	99
9) Trichlorofluoromethane	3.26	101	339577	105.719 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	212325	46.410 ug/L	99
12) 1,1-Dichloroethene	4.04	96	192672	43.427 ug/L	98
13) Acetone	4.13	43	70360	98.297 ug/L	95
14) Carbon disulfide	4.39	76	600706	43.125 ug/L	99
15) Methyl Acetate	4.68	43	63430	38.599 ug/L	100
16) Methylene chloride	4.92	84	198273	42.264 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	451430	76.986 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	212636	46.732 ug/L	98
19) 1,1-Dichloroethane	6.22	63	328474	42.531 ug/L	100
21) 2-Butanone	7.17	43	89973	78.060 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	228510	48.081 ug/L	95
23) Bromochloromethane	7.52	128	105197	53.189 ug/L	94
25) Chloroform	7.68	83	407600	54.231 ug/L	99
27) 1,2-Dichloroethane	8.40	62	236030	52.549 ug/L	100
30) Cyclohexane	7.96	56	304946	34.209 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	361906	49.585 ug/L	100
32) Carbon tetrachloride	8.07	117	319859	47.855 ug/L	98
34) Benzene	8.32	78	785276	38.895 ug/L	100
35) Trichloroethene	9.09	95	228466	43.717 ug/L	99
36) Methylcyclohexane	9.34	83	388768	40.316 ug/L	100
40) 1,2-Dichloropropane	9.37	63	176701	36.093 ug/L	100
41) Bromodichloromethane	9.65	83	271754	44.465 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	321550	41.756 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	190912	67.378 ug/L	100

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44) Toluene	10.39	91	968611	45.198	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	283463	43.514	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	150491	43.440	ug/L	98
47) Tetrachloroethene	10.86	164	219246	55.241	ug/L	91
49) 2-Hexanone	10.97	43	141026	75.399	ug/L	99
50) Dibromochloromethane	11.13	129	204406	50.153	ug/L	90
51) 1,2-Dibromoethane	11.23	107	150886	46.346	ug/L	98
52) Chlorobenzene	11.66	112	654289	49.476	ug/L	99
53) Ethylbenzene	11.73	91	1145155	47.661	ug/L	100
54) m,p-Xylene	11.84	106	459560	49.682	ug/L	97
55) o-xylene	12.16	106	443054	50.022	ug/L	97
56) Styrene	12.18	104	747916	50.538	ug/L	98
57) Isopropylbenzene	12.46	105	1209148	50.817	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	166615	41.926	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	125368	42.887	ug/L	98
62) Bromoform	12.35	173	132579	48.376	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	569198	48.919	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	558067	49.055	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	504076	48.843	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	32548	41.619	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	422969	53.255	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	348343	53.330	ug/L	97
69) Naphthalene	15.36	128	582928	44.652	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	290853	52.063	ug/L	99

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

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