

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010177.D
 Acq On : 29 Apr 2019 11:47
 Operator : SY/VA
 Sample : VSTD02528
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Apr 29 12:54:23 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	664617	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	616901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	309802	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	186293	29.32	ug/L	0.00
7) Chloroethane-d5	2.89	69	157556	30.01	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	415288	22.27	ug/L	0.00
20) 2-Butanone-d5	7.08	46	147584	49.19	ug/L	0.00
24) Chloroform-d	7.64	84	440360	24.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	251470	24.30	ug/L	0.00
29) Benzene-d6	8.27	84	851081	24.36	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	263149	24.16	ug/L	0.00
37) Toluene-d8	10.32	98	782888	24.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	123017	24.51	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	122318	53.44	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	227986	25.22	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	293256	25.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	233851	26.155 ug/L	100
3) Chloromethane	2.21	50	177146	25.316 ug/L	100
5) Vinyl chloride	2.37	62	228487	28.903 ug/L	100
6) Bromomethane	2.78	94	128329	26.620 ug/L	100
8) Chloroethane	2.93	64	135005	28.238 ug/L	100
9) Trichlorofluoromethane	3.26	101	123217	28.628 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	186626	22.337 ug/L	100
12) 1,1-Dichloroethene	4.03	96	192995	22.410 ug/L	100
13) Acetone	4.12	43	95945	42.376 ug/L	100
14) Carbon disulfide	4.38	76	562199	22.522 ug/L	100
15) Methyl Acetate	4.67	43	108740	20.299 ug/L	100
16) Methylene chloride	4.91	84	216441	23.235 ug/L	100
17) Methyl tert-butyl Ether	5.43	73	248159	21.830 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	201976	22.080 ug/L	100
19) 1,1-Dichloroethane	6.21	63	375618	21.696 ug/L	100
21) 2-Butanone	7.17	43	145621	41.478 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	220945	22.558 ug/L	100
23) Bromochloromethane	7.51	128	100188	23.290 ug/L	100
25) Chloroform	7.67	83	382722	22.392 ug/L	100
27) 1,2-Dichloroethane	8.40	62	272636	21.645 ug/L	100
30) Cyclohexane	7.95	56	349811	21.846 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	309559	23.332 ug/L	100
32) Carbon tetrachloride	8.07	117	303562	23.110 ug/L	100
34) Benzene	8.32	78	830562	22.134 ug/L	100
35) Trichloroethene	9.09	95	217765	22.005 ug/L	100
36) Methylcyclohexane	9.34	83	378437	22.818 ug/L	100
40) 1,2-Dichloropropane	9.37	63	214657	22.167 ug/L	100
41) Bromodichloromethane	9.64	83	279784	22.359 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	339364	22.534 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	312460	41.880 ug/L	100

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44) Toluene	10.38	91	909008	22.884	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	296412	22.809	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	159807	22.747	ug/L	100
47) Tetrachloroethene	10.86	164	183583	24.311	ug/L	100
49) 2-Hexanone	10.97	43	229193	43.463	ug/L	100
50) Dibromochloromethane	11.13	129	197939	23.513	ug/L	100
51) 1,2-Dibromoethane	11.24	107	156563	22.426	ug/L	100
52) Chlorobenzene	11.66	112	574978	22.877	ug/L	100
53) Ethylbenzene	11.73	91	1029516	23.092	ug/L	100
54) m,p-Xylene	11.84	106	390244	23.664	ug/L	100
55) o-xylene	12.16	106	366450	23.434	ug/L	100
56) Styrene	12.18	104	645491	24.271	ug/L	100
57) Isopropylbenzene	12.46	105	1010223	23.743	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	197018	22.141	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	147621	21.922	ug/L	100
62) Bromoform	12.35	173	116875	22.706	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	448540	22.755	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	466497	22.806	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	421697	23.130	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	34275	20.225	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	350616	24.256	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	283181	24.079	ug/L	100
69) Naphthalene	15.37	128	567744	19.548	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	279800	25.410	ug/L	100

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

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