

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022019\
 Data File : VW008756.D
 Acq On : 20 Feb 2019 12:57
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:16:59 AM

Quant Time: Feb 20 13:22:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 20 11:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	432901	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434683	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	655420	153.63	ug/L	-0.01
7) Chloroethane-d5	2.87	69	605258	210.58	ug/L	-0.02
10) 1,1-Dichloroethene-d2	4.01	63	1129226	97.77	ug/L	0.00
20) 2-Butanone-d5	7.07	46	462147	254.00	ug/L	0.00
24) Chloroform-d	7.65	84	1115985	96.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	662057	95.88	ug/L	0.00
29) Benzene-d6	8.27	84	2088778	85.68	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	619407	93.41	ug/L	0.00
37) Toluene-d8	10.32	98	2139265	90.07	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	330744	86.88	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	388406	228.99	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	662902	103.88	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	891135	90.67	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	838763	175.801	ug/L	94
3) Chloromethane	2.21	50	881893	234.545	ug/L	98
5) Vinyl chloride	2.35	62	936906	200.311	ug/L	99
6) Bromomethane	2.75	94	607096m	218.781	ug/L	
8) Chloroethane	2.90	64	620755	267.117	ug/L	97
9) Trichlorofluoromethane	3.25	101	1087556	269.266	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	644069	117.857	ug/L	97
12) 1,1-Dichloroethene	4.04	96	564243	112.753	ug/L	85
13) Acetone	4.12	43	341891	192.331	ug/L	100
14) Carbon disulfide	4.37	76	2054477	129.620	ug/L	100
15) Methyl Acetate	4.67	43	411670	152.187	ug/L	94
16) Methylene chloride	4.92	84	639561	91.303	ug/L	91
17) Methyl tert-butyl Ether	5.43	73	1672835	188.075	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	638227	117.576	ug/L	94
19) 1,1-Dichloroethane	6.21	63	1087167	120.386	ug/L	97
21) 2-Butanone	7.17	43	540097	267.018	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	689305	118.505	ug/L	90
23) Bromochloromethane	7.51	128	318774	121.723	ug/L #	85
25) Chloroform	7.67	83	1150423	113.112	ug/L	100
27) 1,2-Dichloroethane	8.40	62	838146	112.359	ug/L #	94
30) Cyclohexane	7.95	56	1041439	108.902	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	1016656	97.553	ug/L	97
32) Carbon tetrachloride	8.07	117	926161	92.565	ug/L	99
34) Benzene	8.32	78	2378769	102.267	ug/L	100
35) Trichloroethene	9.09	95	628095	92.941	ug/L	96
36) Methylcyclohexane	9.34	83	1154154	99.592	ug/L	96
40) 1,2-Dichloropropane	9.37	63	600788	109.878	ug/L	100
41) Bromodichloromethane	9.64	83	849612	105.655	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	1019872	106.855	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	1162723	268.678	ug/L	96

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44) Toluene	10.39	91	2772329	106.529	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	926650	105.366	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	497380	107.523	ug/L	97
47) Tetrachloroethene	10.86	164	572932	106.704	ug/L	94
49) 2-Hexanone	10.97	43	918282	294.113	ug/L #	91
50) Dibromochloromethane	11.13	129	645864	109.592	ug/L	96
51) 1,2-Dibromoethane	11.24	107	510843	108.200	ug/L	96
52) Chlorobenzene	11.66	112	1830245	108.037	ug/L	99
53) Ethylbenzene	11.73	91	3279115	109.669	ug/L	99
54) m,p-Xylene	11.84	106	1292913	114.772	ug/L	94
55) o-xylene	12.16	106	1300709	121.746	ug/L	94
56) Styrene	12.18	104	2269133	125.310	ug/L	98
57) Isopropylbenzene	12.47	105	3408099	112.613	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	692086	120.665	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	508825	110.292	ug/L	100
62) Bromoform	12.35	173	424371	110.632	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	1609646	103.476	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	1624436	105.010	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	1503622	106.477	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	139126	99.929	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	1304026	114.454	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	1151145	117.703	ug/L	97
69) Naphthalene	15.37	128	2475200	111.807	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	1033514	119.373	ug/L	97

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

