

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014873.D
 Acq On : 05 Feb 2020 14:40
 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: Feb 05 15:12:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 14:42:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1081420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	974855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	454627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	829513	48.97	ug/L	0.00
7) Chloroethane-d5	2.89	69	673094	41.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1523595	42.34	ug/L	0.00
20) 2-Butanone-d5	7.07	46	478626	75.18	ug/L	0.00
24) Chloroform-d	7.65	84	1411918	41.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	770656	39.82	ug/L	0.00
29) Benzene-d6	8.27	84	2907073	42.30	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	954309	42.37	ug/L	0.00
37) Toluene-d8	10.32	98	2619093	43.66	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	389396	43.67	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	389527	88.35	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	711317	40.53	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	811501	42.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	510364	37.474 ug/L	90
3) Chloromethane	2.21	50	779583	41.759 ug/L	99
5) Vinyl chloride	2.37	62	986222	52.555 ug/L	99
6) Bromomethane	2.78	94	498968	45.436 ug/L	99
8) Chloroethane	2.93	64	554338	45.497 ug/L	99
9) Trichlorofluoromethane	3.26	101	411887	37.700 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	720632	43.034 ug/L	100
12) 1,1-Dichloroethene	4.04	96	712961	45.144 ug/L	91
13) Acetone	4.12	43	405080	58.839 ug/L	98
14) Carbon disulfide	4.38	76	2107601	43.968 ug/L	99
15) Methyl Acetate	4.67	43	389435	37.796 ug/L	100
16) Methylene chloride	4.91	84	753648	37.742 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	956414	47.719 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	719036	44.365 ug/L	96
19) 1,1-Dichloroethane	6.21	63	1452184	44.127 ug/L	100
21) 2-Butanone	7.16	43	544440	73.692 ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	793081	47.343 ug/L	97
23) Bromochloromethane	7.51	128	314622	43.920 ug/L	100
25) Chloroform	7.67	83	1336112	44.471 ug/L	99
27) 1,2-Dichloroethane	8.40	62	898087	42.785 ug/L	100
30) Cyclohexane	7.95	56	1434630	48.691 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	1021471	44.650 ug/L	100
32) Carbon tetrachloride	8.07	117	921381	44.336 ug/L	100
34) Benzene	8.32	78	3085770	45.204 ug/L	100
35) Trichloroethene	9.09	95	764395	45.342 ug/L	99
36) Methylcyclohexane	9.34	83	1406886	47.648 ug/L	99
40) 1,2-Dichloropropane	9.37	63	831170	45.147 ug/L	100
41) Bromodichloromethane	9.64	83	972343	46.091 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	1270469	49.577 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1150505	85.108 ug/L	99

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44) Toluene	10.38	91	3219430	47.139	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	1010176	47.903	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	550461	45.184	ug/L	99
47) Tetrachloroethene	10.86	164	558502	44.407	ug/L	97
49) 2-Hexanone	10.96	43	818463	87.748	ug/L	100
50) Dibromochloromethane	11.13	129	610027	46.576	ug/L	99
51) 1,2-Dibromoethane	11.23	107	511097	44.618	ug/L	98
52) Chlorobenzene	11.65	112	1947755	46.749	ug/L	98
53) Ethylbenzene	11.73	91	3597078	48.609	ug/L	100
54) m,p-Xylene	11.83	106	1324740	48.920	ug/L	99
55) o-xylene	12.16	106	1279338	50.711	ug/L	95
56) Styrene	12.18	104	2191461	51.012	ug/L	100
57) Isopropylbenzene	12.46	105	3428611	50.257	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	682903	42.702	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	509241	41.593	ug/L	99
62) Bromoform	12.35	173	327030	43.518	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1437454	47.142	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	1421870	46.261	ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	1311608	47.247	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	110507	40.784	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	1045859	48.407	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	855085	50.657	ug/L	98
69) Naphthalene	15.36	128	1764413	51.520	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	776841	49.800	ug/L	99

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

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