

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122719\
 Data File : VW014475.D
 Acq On : 27 Dec 2019 18:35
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.502

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:01:54 AM

Quant Time: Dec 27 20:42:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 20:30:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1093498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	986546	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	465716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	43691	2.64	ug/L	0.00
7) Chloroethane-d5	2.89	69	27878	2.26	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	73441	2.51	ug/L	0.00
20) 2-Butanone-d5	7.08	46	17685m	4.10	ug/L	0.00
24) Chloroform-d	7.65	84	59435	2.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	31793	2.18	ug/L	0.00
29) Benzene-d6	8.27	84	121559	2.10	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	36223	2.04	ug/L	0.00
37) Toluene-d8	10.32	98	108948	2.08	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13312	1.78	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	10197	2.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27530	1.90	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	35452	1.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	25119	2.415 ug/L	90
3) Chloromethane	2.21	50	34901	3.338 ug/L	95
5) Vinyl chloride	2.36	62	43886	2.835 ug/L	98
6) Bromomethane	2.78	94	25603	2.681 ug/L	99
8) Chloroethane	2.92	64	23558	2.664 ug/L	92
9) Trichlorofluoromethane	3.25	101	21171	2.762 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	40156	2.784 ug/L #	83
12) 1,1-Dichloroethene	4.04	96	36094	2.472 ug/L	83
13) Acetone	4.12	43	40850	9.819 ug/L	99
14) Carbon disulfide	4.38	76	115376	2.576 ug/L	99
15) Methyl Acetate	4.67	43	17052	2.167 ug/L	93
16) Methylene chloride	4.92	84	64703	3.860 ug/L	94
17) Methyl tert-butyl Ether	5.42	73	46935	2.437 ug/L #	82
18) trans-1,2-Dichloroethene	5.42	96	39274	2.511 ug/L	97
19) 1,1-Dichloroethane	6.21	63	70656	2.515 ug/L	96
21) 2-Butanone	7.17	43	32147	5.755 ug/L #	72
22) cis-1,2-Dichloroethene	7.17	96	40066	2.408 ug/L	95
23) Bromochloromethane	7.51	128	17457	2.281 ug/L	93
25) Chloroform	7.67	83	67304	2.465 ug/L	98
27) 1,2-Dichloroethane	8.40	62	45608	2.551 ug/L	99
30) Cyclohexane	7.95	56	61482	2.497 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	54244	2.738 ug/L	99
32) Carbon tetrachloride	8.07	117	49579	2.637 ug/L	100
34) Benzene	8.32	78	154353	2.471 ug/L	100
35) Trichloroethene	9.09	95	40637	2.543 ug/L	98
36) Methylcyclohexane	9.34	83	67200	2.502 ug/L	97
40) 1,2-Dichloropropane	9.37	63	39883	2.485 ug/L #	95
41) Bromodichloromethane	9.64	83	46554	2.387 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	53074	2.208 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	52605	4.971 ug/L	95

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44) Toluene	10.38	91	156139	2.384	ug/L	94
45) trans-1,3-Dichloropropene	10.60	75	43307	2.226	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	27885	2.319	ug/L	97
47) Tetrachloroethene	10.86	164	34710	2.606	ug/L	96
49) 2-Hexanone	10.97	43	30650	4.068	ug/L	97
50) Dibromochloromethane	11.13	129	29828	2.210	ug/L	88
51) 1,2-Dibromoethane	11.23	107	25767	2.262	ug/L	98
52) Chlorobenzene	11.65	112	103230	2.439	ug/L	98
53) Ethylbenzene	11.73	91	172773	2.431	ug/L	98
54) m,p-Xylene	11.84	106	63300	2.316	ug/L	98
55) o-xylene	12.16	106	59073	2.278	ug/L	94
56) Styrene	12.18	104	96354	2.172	ug/L	100
57) Isopropylbenzene	12.46	105	154551	2.296	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	35392	2.371	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	27007	2.435	ug/L	99
62) Bromoform	12.35	173	17930	2.268	ug/L #	96
63) 1,3-Dichlorobenzene	13.49	146	77278	2.469	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	80164	2.521	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	68339	2.348	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	5296	2.358	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	55188	2.451	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	36306	2.068	ug/L	100
69) Naphthalene	15.36	128	53409	1.618	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	33811	2.054	ug/L	99

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

