

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022420\
 Data File : VW015023.D
 Acq On : 24 Feb 2020 10:09
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

Quant Time: Feb 24 11:39:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 11:37:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	710301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	667859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54966	4.67	ug/L	0.00
7) Chloroethane-d5	2.89	69	40046	4.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	76526	3.56	ug/L	0.00
20) 2-Butanone-d5	7.09	46	15048	4.56	ug/L	0.01
24) Chloroform-d	7.65	84	71060	3.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	40079	3.59	ug/L	0.00
29) Benzene-d6	8.27	84	127451	2.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	44335	3.17	ug/L	0.00
37) Toluene-d8	10.32	98	97369	2.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	15189	2.75	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	8199	3.21	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28599	2.71	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	29493	2.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	14592	1.998 ug/L	89
3) Chloromethane	2.21	50	41354	3.737 ug/L	99
5) Vinyl chloride	2.37	62	47688	3.301 ug/L	99
6) Bromomethane	2.78	94	21899	3.031 ug/L	99
8) Chloroethane	2.93	64	26742	3.383 ug/L	97
9) Trichlorofluoromethane	3.26	101	20110	3.443 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	28464	2.761 ug/L	96
12) 1,1-Dichloroethene	4.04	96	25357	2.517 ug/L #	70
13) Acetone	4.13	43	18479	5.425 ug/L	95
14) Carbon disulfide	4.38	76	101149	3.343 ug/L	98
15) Methyl Acetate	4.68	43	14524	2.591 ug/L #	83
16) Methylene chloride	4.92	84	42137	3.256 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	28211	2.143 ug/L #	90
18) trans-1,2-Dichloroethene	5.42	96	26659	2.611 ug/L	87
19) 1,1-Dichloroethane	6.21	63	63118	3.052 ug/L	94
21) 2-Butanone	7.17	43	19651	4.927 ug/L	95
22) cis-1,2-Dichloroethene	7.16	96	26002	2.355 ug/L	93
23) Bromochloromethane	7.51	128	10986	2.425 ug/L	91
25) Chloroform	7.67	83	60312	3.175 ug/L	98
27) 1,2-Dichloroethane	8.40	62	39864	3.043 ug/L	95
30) Cyclohexane	7.95	56	43029	2.162 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	44671	2.933 ug/L	98
32) Carbon tetrachloride	8.07	117	38680	2.826 ug/L	96
34) Benzene	8.32	78	116347	2.533 ug/L	100
35) Trichloroethene	9.09	95	30162	2.650 ug/L	99
36) Methylcyclohexane	9.34	83	43414	2.189 ug/L	96
40) 1,2-Dichloropropane	9.37	63	34140	2.778 ug/L	100
41) Bromodichloromethane	9.64	83	39135	2.778 ug/L #	98
42) cis-1,3-Dichloropropene	10.07	75	38040	2.180 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	30817	3.824 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	105187	2.256	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	30981	2.205	ug/L	87
46) 1,1,2-Trichloroethane	10.79	97	19676	2.432	ug/L	95
47) Tetrachloroethene	10.86	164	19317	2.309	ug/L	93
49) 2-Hexanone	10.96	43	21268	3.757	ug/L	91
50) Dibromochloromethane	11.13	129	20438	2.350	ug/L	96
51) 1,2-Dibromoethane	11.23	107	15731	2.090	ug/L #	94
52) Chlorobenzene	11.66	112	70979	2.490	ug/L	97
53) Ethylbenzene	11.73	91	113288	2.221	ug/L	100
54) m,p-Xylene	11.83	106	36835	1.977	ug/L	94
55) o-xylene	12.16	106	34585	1.951	ug/L	96
56) Styrene	12.18	104	57502	1.919	ug/L	95
57) Isopropylbenzene	12.46	105	91924	1.930	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	24006	2.377	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	18678	2.458	ug/L	95
62) Bromoform	12.35	173	9805	2.350	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	43458	2.351	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	48856	2.623	ug/L	96
65) 1,2-Dichlorobenzene	13.86	146	39113	2.313	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	3324	2.305	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	28341	2.140	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	17147	1.639	ug/L	97
69) Naphthalene	15.36	128	13129	0.638	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	16198	1.677	ug/L	100

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

