

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050420\
 Data File : VW015384.D
 Acq On : 04 May 2020 14:06
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.502

Quant Time: May 04 15:26:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 04 15:24:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335008	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137400	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	10471	4.29	ug/L	0.00
7) Chloroethane-d5	2.89	69	10187	3.59	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	22216	3.60	ug/L	0.00
20) 2-Butanone-d5	7.09	46	5860	7.82	ug/L	0.00
24) Chloroform-d	7.65	84	21141	2.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	11920	3.14	ug/L	0.00
29) Benzene-d6	8.27	84	42202	3.08	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	12746	3.33	ug/L	0.00
37) Toluene-d8	10.32	98	40399	2.89	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	5724	2.92	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4860	6.95	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9759	3.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	12487	2.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	7414	2.349 ug/L	96
3) Chloromethane	2.21	50	8907	3.447 ug/L	100
5) Vinyl chloride	2.36	62	13050	4.183 ug/L	95
6) Bromomethane	2.78	94	9429	3.215 ug/L	97
8) Chloroethane	2.93	64	8743	3.611 ug/L	95
9) Trichlorofluoromethane	3.26	101	9568	2.619 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	10287	2.666 ug/L	99
12) 1,1-Dichloroethene	4.04	96	10899	2.892 ug/L	77
13) Acetone	4.12	43	5573	8.826 ug/L	92
14) Carbon disulfide	4.38	76	36088	3.508 ug/L	99
15) Methyl Acetate	4.67	43	5306	4.214 ug/L	97
16) Methylene chloride	4.91	84	16562	3.882 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	18059	3.240 ug/L #	67
18) trans-1,2-Dichloroethene	5.42	96	11272	2.730 ug/L	87
19) 1,1-Dichloroethane	6.21	63	21400	3.327 ug/L	98
21) 2-Butanone	7.18	43	8061	8.441 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	12134	2.721 ug/L	97
23) Bromochloromethane	7.51	128	4975	2.324 ug/L	96
25) Chloroform	7.68	83	21293	2.911 ug/L	99
27) 1,2-Dichloroethane	8.40	62	14116	3.043 ug/L #	95
30) Cyclohexane	7.96	56	21609	3.799 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	18451	2.886 ug/L	99
32) Carbon tetrachloride	8.06	117	16250	2.629 ug/L	99
34) Benzene	8.32	78	46400	3.047 ug/L	100
35) Trichloroethene	9.09	95	12879	2.940 ug/L	97
36) Methylcyclohexane	9.34	83	22514	3.048 ug/L	99
40) 1,2-Dichloropropane	9.37	63	11656	3.373 ug/L #	93
41) Bromodichloromethane	9.65	83	14766	2.791 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	17978	2.971 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	18590	7.977 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	49647	2.809	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	15686	2.916	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	8186	2.760	ug/L	96
47) Tetrachloroethene	10.87	164	9182	2.197	ug/L	93
49) 2-Hexanone	10.97	43	9594	7.519	ug/L	98
50) Dibromochloromethane	11.13	129	9461	2.358	ug/L	95
51) 1,2-Dibromoethane	11.23	107	7765	2.626	ug/L #	98
52) Chlorobenzene	11.66	112	31656	2.658	ug/L	99
53) Ethylbenzene	11.73	91	59091	2.891	ug/L	100
54) m,p-Xylene	11.84	106	21156	2.614	ug/L	98
55) o-xylene	12.16	106	20359	2.622	ug/L	96
56) Styrene	12.18	104	33978	2.607	ug/L	96
57) Isopropylbenzene	12.46	105	55903	2.645	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	9446	2.863	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	7449	3.096	ug/L	98
62) Bromoform	12.35	173	5272	2.335	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	22923	2.625	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	23203	2.686	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	20168	2.573	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	1705	3.325	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	15139	2.243	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	11916	2.148	ug/L	100
69) Naphthalene	15.36	128	23038	2.484	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	10879	2.271	ug/L	97

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

