

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
 Data File : VW015842.D
 Acq On : 13 Jul 2020 12:39
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Jul 13 13:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 13 13:00:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	361972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	581401	98.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	559770	109.41	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	860486	86.10	ug/L	0.00
20) 2-Butanone-d5	7.08	46	191947	164.33	ug/L	0.00
24) Chloroform-d	7.65	84	965667	96.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	496511	87.77	ug/L	0.00
29) Benzene-d6	8.28	84	1939561	94.93	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	534970	88.98	ug/L	0.00
37) Toluene-d8	10.33	98	1892252	98.70	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	250500	94.81	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	171497	180.61	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	426512	91.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	672018	100.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	298736	96.710 ug/L	95
3) Chloromethane	2.22	50	378329	101.598 ug/L	99
5) Vinyl chloride	2.37	62	628016	109.959 ug/L	100
6) Bromomethane	2.78	94	527470	126.972 ug/L	99
8) Chloroethane	2.93	64	443757	118.465 ug/L	100
9) Trichlorofluoromethane	3.26	101	634808	139.224 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	409879	96.845 ug/L	97
12) 1,1-Dichloroethene	4.03	96	407332	99.707 ug/L	92
13) Acetone	4.12	43	134402	140.406 ug/L	98
14) Carbon disulfide	4.38	76	1329909	103.014 ug/L	99
15) Methyl Acetate	4.67	43	144938	82.304 ug/L	99
16) Methylene chloride	4.92	84	432913	82.469 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	571502	90.993 ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	476584	104.879 ug/L	97
19) 1,1-Dichloroethane	6.22	63	789122	97.083 ug/L	100
21) 2-Butanone	7.18	43	190478	156.677 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	506659	108.277 ug/L	99
23) Bromochloromethane	7.52	128	227570	110.119 ug/L	94
25) Chloroform	7.68	83	855532	102.890 ug/L	100
27) 1,2-Dichloroethane	8.40	62	530055	92.732 ug/L	100
30) Cyclohexane	7.96	56	733161	95.305 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	760531	100.625 ug/L	98
32) Carbon tetrachloride	8.07	117	736903	106.920 ug/L	99
34) Benzene	8.32	78	1900471	99.169 ug/L	100
35) Trichloroethene	9.09	95	514485	100.047 ug/L	95
36) Methylcyclohexane	9.34	83	918375	103.333 ug/L	99
40) 1,2-Dichloropropane	9.37	63	437295	93.846 ug/L	100
41) Bromodichloromethane	9.65	83	629961	103.502 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	755928	104.398 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	438916	169.358 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2229791	105.979	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	666330	105.626	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	341602	100.808	ug/L	98
47) Tetrachloroethene	10.87	164	435315	104.712	ug/L	97
49) 2-Hexanone	10.97	43	307448	169.471	ug/L	99
50) Dibromochloromethane	11.13	129	460333	114.398	ug/L	97
51) 1,2-Dibromoethane	11.24	107	338351	102.536	ug/L	97
52) Chlorobenzene	11.66	112	1454748	109.042	ug/L	95
53) Ethylbenzene	11.73	91	2533280	106.563	ug/L	99
54) m,p-Xylene	11.84	106	997974	111.194	ug/L	89
55) o-xylene	12.17	106	972136	112.970	ug/L	100
56) Styrene	12.18	104	1658280	113.889	ug/L	99
57) Isopropylbenzene	12.47	105	2670261	112.841	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	393982	98.717	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	280014	93.019	ug/L	100
62) Bromoform	12.35	173	265915	118.622	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1154573	109.952	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	1089619	103.934	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1009211	109.189	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	59332	92.614	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	778453	109.300	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	641287	112.016	ug/L	99
69) Naphthalene	15.37	128	1184509	113.433	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	543912	109.958	ug/L	96

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

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