

Data File : VW016101.D
Acq On : 10 Aug 2020 13:14
Operator : SY/VA
Sample : VSTD05004
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD05004

Quant Time: Aug 10 13:47:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 13:22:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	422249	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	235298	39.49	ug/L	0.00
7) Chloroethane-d5	2.89	69	189769	39.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	541854	44.98	ug/L	0.00
20) 2-Butanone-d5	7.08	46	141867	90.64	ug/L	0.00
24) Chloroform-d	7.65	84	551038	46.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	295234	45.35	ug/L	0.00
29) Benzene-d6	8.27	84	1065324	44.88	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	308939	43.41	ug/L	0.00
37) Toluene-d8	10.32	98	1003530	46.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	145634	48.01	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	119494	100.84	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	252333	46.13	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	325348	46.13	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	213887	59.862	ug/L	98
3) Chloromethane	2.21	50	215908	49.963	ug/L	97
5) Vinyl chloride	2.37	62	281406	42.221	ug/L	99
6) Bromomethane	2.78	94	178794	44.965	ug/L	99
8) Chloroethane	2.92	64	162148	41.529	ug/L	97
9) Trichlorofluoromethane	3.26	101	208428	46.524	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	284445	51.940	ug/L	99
12) 1,1-Dichloroethene	4.03	96	281052	51.779	ug/L	94
13) Acetone	4.12	43	96675	73.553	ug/L	97
14) Carbon disulfide	4.38	76	877655	51.198	ug/L	99
15) Methyl Acetate	4.67	43	125018	50.446	ug/L	99
16) Methylene chloride	4.92	84	286529	41.412	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	406562	52.968	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	299926	52.326	ug/L	93
19) 1,1-Dichloroethane	6.21	63	514061	48.668	ug/L	99
21) 2-Butanone	7.18	43	161234	99.202	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	320058	53.371	ug/L	97
23) Bromochloromethane	7.51	128	140186	53.310	ug/L	98
25) Chloroform	7.68	83	546569	52.211	ug/L	99
27) 1,2-Dichloroethane	8.40	62	356429	50.038	ug/L	99
30) Cyclohexane	7.95	56	468853	47.680	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	461770	50.710	ug/L	100
32) Carbon tetrachloride	8.07	117	443862	53.753	ug/L	100
34) Benzene	8.32	78	1190405	50.257	ug/L	100
35) Trichloroethene	9.09	95	312371	49.854	ug/L	99
36) Methylcyclohexane	9.34	83	536326	49.885	ug/L	99
40) 1,2-Dichloropropane	9.37	63	285641	48.680	ug/L	100
41) Bromodichloromethane	9.65	83	392578	51.806	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	466598	52.211	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	358098	104.555	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1263781	50.872	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	411684	53.147	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	221061	52.390	ug/L	98
47) Tetrachloroethene	10.87	164	225458	46.357	ug/L	92
49) 2-Hexanone	10.97	43	246619	101.469	ug/L	98
50) Dibromochloromethane	11.13	129	278282	56.965	ug/L	97
51) 1,2-Dibromoethane	11.24	107	217053	53.772	ug/L	100
52) Chlorobenzene	11.66	112	806085	50.638	ug/L	96
53) Ethylbenzene	11.73	91	1439652	51.536	ug/L	97
54) m,p-Xylene	11.84	106	552405	52.855	ug/L	96
55) o-xylene	12.17	106	524527	53.299	ug/L	99
56) Styrene	12.18	104	908004	54.255	ug/L	98
57) Isopropylbenzene	12.47	105	1396707	52.136	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	259517	52.377	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	194064	52.274	ug/L	100
62) Bromoform	12.35	173	144050	54.142	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	597344	51.605	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	592144	50.404	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	540911	51.445	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	45874	57.967	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	378856	46.548	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	317382	49.094	ug/L	99
69) Naphthalene	15.36	128	704418	57.837	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	276999	48.088	ug/L	99

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

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