

Data File : VW016102.D
Acq On : 10 Aug 2020 13:37
Operator : SY/VA
Sample : VSTD10005
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD10005

Quant Time: Aug 10 14:07:43 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	8.85	114	411597	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	485152	83.53	ug/L	0.00
7) Chloroethane-d5	2.89	69	384729	81.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1086457	92.53	ug/L	0.00
20) 2-Butanone-d5	7.08	46	299661	196.42	ug/L	0.00
24) Chloroform-d	7.65	84	1114667	96.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	581686	91.66	ug/L	0.00
29) Benzene-d6	8.27	84	2161959	92.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	630441	89.69	ug/L	0.00
37) Toluene-d8	10.32	98	1979911	93.22	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	302647	101.02	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	251928	215.25	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	507911	94.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	647844	95.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	450623	129.384	ug/L	98
3) Chloromethane	2.21	50	450124	106.859	ug/L	99
5) Vinyl chloride	2.37	62	539135	82.984	ug/L	100
6) Bromomethane	2.78	94	340039	87.731	ug/L	99
8) Chloroethane	2.92	64	314001	82.503	ug/L	99
9) Trichlorofluoromethane	3.26	101	411611	94.254	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	556501	104.248	ug/L	99
12) 1,1-Dichloroethene	4.03	96	541021	102.253	ug/L	93
13) Acetone	4.12	43	188825	147.381	ug/L	97
14) Carbon disulfide	4.38	76	1727877	103.404	ug/L	100
15) Methyl Acetate	4.67	43	242240	100.276	ug/L	98
16) Methylene chloride	4.91	84	544356	80.712	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	790315	105.629	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	583932	104.511	ug/L	91
19) 1,1-Dichloroethane	6.21	63	991133	96.262	ug/L	99
21) 2-Butanone	7.17	43	314556	198.544	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	621296	106.284	ug/L	97
23) Bromochloromethane	7.52	128	279291	108.957	ug/L	92
25) Chloroform	7.68	83	1034980	101.425	ug/L	100
27) 1,2-Dichloroethane	8.40	62	667013	96.063	ug/L	99
30) Cyclohexane	7.96	56	914960	94.202	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	873196	97.083	ug/L	99
32) Carbon tetrachloride	8.07	117	829055	101.648	ug/L	97
34) Benzene	8.32	78	2224541	95.084	ug/L	100
35) Trichloroethene	9.09	95	601587	97.206	ug/L	99
36) Methylcyclohexane	9.34	83	1037153	97.667	ug/L	99
40) 1,2-Dichloropropane	9.37	63	545089	94.050	ug/L	100
41) Bromodichloromethane	9.65	83	757369	101.187	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	903149	102.316	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	699793	206.861	ug/L	99

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44) Toluene	10.39	91	2391716	97.472	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	799954	104.554	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	424471	101.847	ug/L	98
47) Tetrachloroethene	10.87	164	453961	94.500	ug/L	97
49) 2-Hexanone	10.97	43	479871	199.893	ug/L	98
50) Dibromochloromethane	11.13	129	532317	110.320	ug/L	97
51) 1,2-Dibromoethane	11.24	107	413234	103.646	ug/L	99
52) Chlorobenzene	11.66	112	1540105	97.952	ug/L	97
53) Ethylbenzene	11.73	91	2725298	98.772	ug/L	98
54) m,p-Xylene	11.84	106	1035909	100.350	ug/L	93
55) o-xylene	12.17	106	1006442	103.539	ug/L	100
56) Styrene	12.18	104	1730884	104.709	ug/L	100
57) Isopropylbenzene	12.47	105	2702884	102.147	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	490550	100.235	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	369057	100.647	ug/L	99
62) Bromoform	12.35	173	285122	111.382	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	1128161	101.297	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1124445	99.481	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	1010078	99.847	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	89253	117.218	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	718301	91.726	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	642750	103.334	ug/L	99
69) Naphthalene	15.37	128	1447590	123.533	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	564264	101.813	ug/L	98

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

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