

Data File : VV011135.D
Acq On : 30 May 2019 13:54
Operator : SY/MD
Sample : VSTD05070
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

Quant Time: May 30 14:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 13:47:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	348292	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	338162	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167278	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	219584	45.99	ug/L	0.00
7) Chloroethane-d5	1.56	69	173439	50.89	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	461620	51.97	ug/L	0.00
20) 2-Butanone-d5	3.93	46	189619	115.21	ug/L	0.00
24) Chloroform-d	4.39	84	417251	49.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	284345	52.66	ug/L	0.00
29) Benzene-d6	5.09	84	914213	46.17	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	298261	47.35	ug/L	0.00
37) Toluene-d8	7.36	98	863885	47.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	143796	49.00	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	147572	107.53	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	281825	52.03	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	309023	46.72	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	288875	50.864	ug/L	99
3) Chloromethane	1.25	50	289967	51.760	ug/L	99
5) Vinyl chloride	1.32	62	276645	53.507	ug/L	99
6) Bromomethane	1.51	94	143907	64.584	ug/L	99
8) Chloroethane	1.58	64	160871	57.358	ug/L	100
9) Trichlorofluoromethane	1.75	101	395515	57.112	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	205685	55.347	ug/L	99
12) 1,1-Dichloroethene	2.13	96	191855	54.867	ug/L	89
13) Acetone	2.19	43	215362	115.509	ug/L	99
14) Carbon disulfide	2.31	76	623856	53.333	ug/L	100
15) Methyl Acetate	2.45	43	153459	57.024	ug/L	99
16) Methylene chloride	2.52	84	251978	49.486	ug/L	100
17) Methyl tert-butyl Ether	2.80	73	691818	52.817	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	237103	49.570	ug/L	97
19) 1,1-Dichloroethane	3.22	63	460959	49.570	ug/L	99
21) 2-Butanone	4.02	43	255737	111.379	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	271471	50.388	ug/L	98
23) Bromochloromethane	4.29	128	117306	51.401	ug/L	93
25) Chloroform	4.42	83	504703	51.395	ug/L	100
27) 1,2-Dichloroethane	5.17	62	355169	55.512	ug/L	99
30) Cyclohexane	4.72	56	438585	44.776	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	386485	50.196	ug/L	100
32) Carbon tetrachloride	4.87	117	330476	50.115	ug/L	99
34) Benzene	5.14	78	992847	48.553	ug/L	100
35) Trichloroethene	5.96	95	262258	49.106	ug/L	99
36) Methylcyclohexane	6.17	83	430712	46.739	ug/L	99
40) 1,2-Dichloropropane	6.22	63	271485	49.817	ug/L	99
41) Bromodichloromethane	6.55	83	354080	51.251	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	442913	50.869	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	496619	103.911	ug/L	100

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44) Toluene	7.43	91	1089399	48.999	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	387961	52.218	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	210976	52.235	ug/L	99
47) Tetrachloroethene	8.02	164	190710	49.513	ug/L	96
49) 2-Hexanone	8.18	43	401174	113.820	ug/L	98
50) Dibromochloromethane	8.29	129	250582	53.547	ug/L	100
51) 1,2-Dibromoethane	8.40	107	208519	53.950	ug/L	98
52) Chlorobenzene	8.92	112	696506	50.550	ug/L	99
53) Ethylbenzene	9.05	91	1247362	49.213	ug/L	100
54) m,p-Xylene	9.18	106	466300	49.390	ug/L	98
55) o-xylene	9.59	106	456285	49.736	ug/L	98
56) Styrene	9.60	104	803578	51.659	ug/L	97
57) Isopropylbenzene	9.97	105	1225562	50.055	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	285252	53.610	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	221170	54.390	ug/L	100
62) Bromoform	9.77	173	144429	51.325	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	535534	48.663	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	542909	49.574	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	513275	49.912	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	53118	50.602	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	403816	49.892	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	344193	53.455	ug/L	100
69) Naphthalene	13.55	128	783759	59.007	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	319679	54.254	ug/L	98

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

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