

Data File : VV011136.D
Acq On : 30 May 2019 14:22
Operator : SY/MD
Sample : VSTD10071
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD10071

Quant Time: May 30 14:43:05 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	359532	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	416751	84.55	ug/L	0.00
7) Chloroethane-d5	1.55	69	328531	93.38	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	877722	95.72	ug/L	0.00
20) 2-Butanone-d5	3.93	46	356633	209.91	ug/L	0.00
24) Chloroform-d	4.39	84	845540	96.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	554794	99.53	ug/L	0.00
29) Benzene-d6	5.09	84	1752923	85.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	576339	88.34	ug/L	0.00
37) Toluene-d8	7.36	98	1652332	87.42	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	283801	93.38	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	287663	202.40	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	557394	99.37	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	614003	89.09	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	551234	94.025	ug/L	99
3) Chloromethane	1.25	50	554439	95.876	ug/L	99
5) Vinyl chloride	1.32	62	528548	99.033	ug/L	99
6) Bromomethane	1.51	94	275865	119.934	ug/L	99
8) Chloroethane	1.57	64	310937	107.397	ug/L	99
9) Trichlorofluoromethane	1.75	101	748583	104.715	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.12	101	389551	101.546	ug/L	99
12) 1,1-Dichloroethene	2.13	96	366711	101.593	ug/L	94
13) Acetone	2.19	43	398958	207.291	ug/L	99
14) Carbon disulfide	2.30	76	1196504	99.090	ug/L	100
15) Methyl Acetate	2.45	43	290076	104.419	ug/L	100
16) Methylene chloride	2.52	84	487340	92.717	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	1353704	100.118	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	452017	91.546	ug/L	98
19) 1,1-Dichloroethane	3.22	63	895138	93.250	ug/L	99
21) 2-Butanone	4.02	43	493905	208.381	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	523694	94.164	ug/L	99
23) Bromochloromethane	4.29	128	227653	96.634	ug/L	91
25) Chloroform	4.42	83	951111	93.827	ug/L	100
27) 1,2-Dichloroethane	5.17	62	696268	105.423	ug/L	98
30) Cyclohexane	4.71	56	844622	83.266	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	754176	94.585	ug/L	100
32) Carbon tetrachloride	4.87	117	646458	94.663	ug/L	100
34) Benzene	5.14	78	1919964	90.664	ug/L	100
35) Trichloroethene	5.96	95	508015	91.853	ug/L	99
36) Methylcyclohexane	6.17	83	837209	87.728	ug/L	100
40) 1,2-Dichloropropane	6.22	63	527022	93.385	ug/L	99
41) Bromodichloromethane	6.55	83	707756	98.923	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	886976	98.369	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	975822	197.161	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	2108909	91.594	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	775505	100.792	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	411694	98.428	ug/L	98
47) Tetrachloroethene	8.02	164	364888	91.479	ug/L	97
49) 2-Hexanone	8.18	43	759502	208.078	ug/L	99
50) Dibromochloromethane	8.29	129	501800	103.545	ug/L	99
51) 1,2-Dibromoethane	8.40	107	410177	102.478	ug/L	99
52) Chlorobenzene	8.92	112	1369393	95.970	ug/L	100
53) Ethylbenzene	9.05	91	2437943	92.879	ug/L	100
54) m,p-Xylene	9.18	106	903746	92.434	ug/L	100
55) o-xylene	9.59	106	906566	95.422	ug/L	99
56) Styrene	9.60	104	1601595	99.422	ug/L	97
57) Isopropylbenzene	9.97	105	2389038	94.220	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	569636	103.378	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	434890	103.273	ug/L	100
62) Bromoform	9.78	173	297715	101.541	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	1077957	94.011	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	1081238	94.758	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1017007	94.917	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	107140	97.958	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	801179	95.004	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	695986	103.741	ug/L	99
69) Naphthalene	13.55	128	1606835	116.106	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	648337	105.604	ug/L	99

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

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