

Data File : VV013464.D
Acq On : 01 Nov 2019 12:06
Operator : SY/MD
Sample : VSTD10066
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

Quant Time: Nov 02 02:17:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 03:13:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	836808	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	807541	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	445559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1144146	89.39	ug/L	0.00
7) Chloroethane-d5	1.58	69	753595	74.19	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	1940938	91.12	ug/L	0.00
20) 2-Butanone-d5	3.93	46	1127227	248.36	ug/L	-0.02
24) Chloroform-d	4.39	84	2382516	102.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	1388387	103.72	ug/L	0.00
29) Benzene-d6	5.09	84	4808939	105.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	1501735	105.16	ug/L	0.00
37) Toluene-d8	7.35	98	4426488	107.78	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	697038	115.97	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	793813	279.67	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	1410588	106.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	1741371	100.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1099278	116.724	ug/L	99
3) Chloromethane	1.25	50	1198052	100.355	ug/L	98
5) Vinyl chloride	1.32	62	1173554	99.776	ug/L	98
6) Bromomethane	1.53	94	611190	86.136	ug/L	99
8) Chloroethane	1.60	64	563325	80.004	ug/L	99
9) Trichlorofluoromethane	1.76	101	1610776	100.837	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	965158	94.844	ug/L	99
12) 1,1-Dichloroethene	2.14	96	920836	97.783	ug/L	99
13) Acetone	2.20	43	916533	197.570	ug/L	98
14) Carbon disulfide	2.31	76	3689012	117.276	ug/L	99
15) Methyl Acetate	2.46	43	953916	125.614	ug/L	99
16) Methylene chloride	2.53	84	1300987	102.352	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	3379006	119.722	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	1275026	111.034	ug/L	97
19) 1,1-Dichloroethane	3.22	63	2345094	111.927	ug/L	99
21) 2-Butanone	4.01	43	1391255	253.071	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	1415276	113.764	ug/L	99
23) Bromochloromethane	4.29	128	674705	110.289	ug/L	98
25) Chloroform	4.42	83	2338630	107.177	ug/L	100
27) 1,2-Dichloroethane	5.17	62	1715394	111.666	ug/L	100
30) Cyclohexane	4.72	56	2221086	122.993	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	1962741	117.687	ug/L	98
32) Carbon tetrachloride	4.87	117	1769897	117.085	ug/L	99
34) Benzene	5.14	78	5168805	112.531	ug/L	100
35) Trichloroethene	5.96	95	1388931	109.050	ug/L	99
36) Methylcyclohexane	6.17	83	2282334	116.073	ug/L	98
40) 1,2-Dichloropropane	6.22	63	1326392	111.584	ug/L	100
41) Bromodichloromethane	6.55	83	1749765	115.098	ug/L	100
42) cis-1,3-Dichloropropene	7.06	75	2200512	126.873	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	2534540	257.785	ug/L	97

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44) Toluene	7.43	91	5379381	111.953	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	1846148	125.104	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	1078122	108.654	ug/L	99
47) Tetrachloroethene	8.01	164	1177143	112.331	ug/L	96
49) 2-Hexanone	8.18	43	1938824	265.616	ug/L	99
50) Dibromochloromethane	8.29	129	1338228	116.067	ug/L	100
51) 1,2-Dibromoethane	8.39	107	1126300	114.865	ug/L	99
52) Chlorobenzene	8.92	112	3527495	106.287	ug/L	100
53) Ethylbenzene	9.05	91	5988431	112.354	ug/L	98
54) m,p-Xylene	9.18	106	2334105	115.663	ug/L	97
55) o-xylene	9.58	106	2232719	117.100	ug/L	94
56) Styrene	9.60	104	3885276	115.997	ug/L	100
57) Isopropylbenzene	9.97	105	5954641	117.209	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	1411535	115.195	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	1149190	113.129	ug/L	99
62) Bromoform	9.77	173	949148	122.904	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	3016369	108.440	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	3036143	104.681	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	2792708	105.966	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	283790	123.294	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	2494220	113.909	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	2228006	118.225	ug/L	99
69) Naphthalene	13.55	128	4681523	125.419	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	2040053	112.572	ug/L	98

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

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