

Data File : VV013461.D
Acq On : 01 Nov 2019 10:44
Operator : SY/MD
Sample : VSTD00563
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Manual Integrations
APPROVED

MMDadoda
11/4/2019 12:38:22 PM

Quant Time: Nov 02 02:22:33 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	660602	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	632337	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	338948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46737	4.63	ug/L	0.00
7) Chloroethane-d5	1.57	69	31830	3.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	82874	4.93	ug/L	0.00
20) 2-Butanone-d5	3.95	46	43734m	12.21	ug/L	0.00
24) Chloroform-d	4.40	84	93137	5.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	52852	5.00	ug/L	0.00
29) Benzene-d6	5.09	84	186967	5.24	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	56396	5.04	ug/L	0.00
37) Toluene-d8	7.36	98	164041	5.10	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	23524	5.00	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	19033	8.56	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51252	4.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	65257	4.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	60013	8.072 ug/L	100
3) Chloromethane	1.25	50	54936	5.829 ug/L	96
5) Vinyl chloride	1.32	62	54158	5.833 ug/L	91
6) Bromomethane	1.53	94	21071	3.762 ug/L	96
8) Chloroethane	1.59	64	30066	5.409 ug/L	98
9) Trichlorofluoromethane	1.76	101	76487	6.065 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45036	5.606 ug/L	99
12) 1,1-Dichloroethene	2.14	96	42072	5.659 ug/L	98
13) Acetone	2.19	43	73142	19.972 ug/L	98
14) Carbon disulfide	2.31	76	156149	6.288 ug/L	98
15) Methyl Acetate	2.46	43	39067	6.517 ug/L	100
16) Methylene chloride	2.53	84	66705	6.648 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	129617	5.817 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	53810	5.936 ug/L	95
19) 1,1-Dichloroethane	3.23	63	98233	5.939 ug/L	96
21) 2-Butanone	4.03	43	56313	12.976 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	55197	5.620 ug/L	92
23) Bromochloromethane	4.29	128	26611	5.510 ug/L	92
25) Chloroform	4.42	83	103665	6.018 ug/L	98
27) 1,2-Dichloroethane	5.18	62	70308	5.798 ug/L	99
30) Cyclohexane	4.72	56	84565	5.980 ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	83429	6.388 ug/L	99
32) Carbon tetrachloride	4.87	117	75095	6.344 ug/L	98
34) Benzene	5.14	78	210569	5.855 ug/L	100
35) Trichloroethene	5.96	95	59205	5.936 ug/L	98
36) Methylcyclohexane	6.17	83	87470	5.681 ug/L	98
40) 1,2-Dichloropropane	6.22	63	54147	5.817 ug/L	99
41) Bromodichloromethane	6.55	83	68544	5.758 ug/L	93
42) cis-1,3-Dichloropropene	7.07	75	74923	5.517 ug/L	97
43) 4-Methyl-2-pentanone	7.27	43	95223	12.368 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	213956	5.686	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	62889	5.442	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	42379	5.454	ug/L	96
47) Tetrachloroethene	8.02	164	50764	6.186	ug/L	96
49) 2-Hexanone	8.18	43	67906	11.881	ug/L	95
50) Dibromochloromethane	8.29	129	50421	5.585	ug/L	94
51) 1,2-Dibromoethane	8.39	107	44300	5.770	ug/L	97
52) Chlorobenzene	8.92	112	149131	5.739	ug/L	99
53) Ethylbenzene	9.05	91	228679	5.479	ug/L	100
54) m,p-Xylene	9.18	106	84223	5.330	ug/L	97
55) o-xylene	9.58	106	79924	5.353	ug/L	97
56) Styrene	9.60	104	134630	5.133	ug/L	95
57) Isopropylbenzene	9.97	105	213086	5.356	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	53289	5.554	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	46345	5.826	ug/L	100
62) Bromoform	9.77	173	32355	5.507	ug/L	97
63) 1,3-Dichlorobenzene	11.22	146	120978	5.717	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	125366	5.682	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	109996	5.486	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	9824	5.611	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	87284	5.240	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	75491	5.266	ug/L	97
69) Naphthalene	13.55	128	129070	4.545	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	70550	5.117	ug/L	99

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

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