

Data File : VV011133.D
Acq On : 30 May 2019 12:58
Operator : SY/MD
Sample : VSTD00568
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00568

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:46:02 AM

Quant Time: May 30 13:52:44 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	327592	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	320055	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151709	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25135	5.60	ug/L	0.00
7) Chloroethane-d5	1.56	69	19268	6.01	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	49688	5.95	ug/L	0.00
20) 2-Butanone-d5	3.95	46	16020	10.35	ug/L	0.00
24) Chloroform-d	4.40	84	41047	5.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	26707	5.26	ug/L	0.00
29) Benzene-d6	5.09	84	89457	4.77	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	27544	4.62	ug/L	0.00
37) Toluene-d8	7.36	98	83222	4.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	11651	4.19	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	11452	8.82	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23464	4.58	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	28190	4.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25770	4.824 ug/L	95
3) Chloromethane	1.25	50	25775	4.892 ug/L	98
5) Vinyl chloride	1.32	62	25041	5.149 ug/L	93
6) Bromomethane	1.51	94	14222	6.786 ug/L	100
8) Chloroethane	1.58	64	15459	5.860 ug/L	99
9) Trichlorofluoromethane	1.76	101	37643	5.779 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	21135	6.047 ug/L	97
12) 1,1-Dichloroethene	2.13	96	20054	6.097 ug/L	87
13) Acetone	2.19	43	16612	9.473 ug/L	99
14) Carbon disulfide	2.31	76	60923	5.537 ug/L	97
15) Methyl Acetate	2.46	43	13894	5.489 ug/L	93
16) Methylene chloride	2.53	84	26211	5.473 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	64703	5.252 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	23835	5.298 ug/L	97
19) 1,1-Dichloroethane	3.23	63	45016	5.147 ug/L	95
21) 2-Butanone	4.03	43	20520m	9.502 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	25797	5.091 ug/L	98
23) Bromochloromethane	4.30	128	11530	5.371 ug/L	98
25) Chloroform	4.42	83	48262	5.225 ug/L	99
27) 1,2-Dichloroethane	5.18	62	33468	5.562 ug/L	97
30) Cyclohexane	4.72	56	44331	4.782 ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	35439	4.863 ug/L	97
32) Carbon tetrachloride	4.87	117	31023	4.971 ug/L	98
34) Benzene	5.14	78	96882	5.006 ug/L	100
35) Trichloroethene	5.96	95	25649	5.074 ug/L	98
36) Methylcyclohexane	6.17	83	43644	5.004 ug/L	99
40) 1,2-Dichloropropane	6.22	63	25911	5.024 ug/L	# 94
41) Bromodichloromethane	6.55	83	31522	4.821 ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	37276	4.523 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	43496	9.616 ug/L	99

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44) Toluene	7.43	91	106134	5.044	ug/L	97
45) trans-1,3-Dichloropropene	7.69	75	31034	4.413	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	19067	4.988	ug/L	97
47) Tetrachloroethene	8.02	164	19321	5.300	ug/L	96
49) 2-Hexanone	8.19	43	28065	8.413	ug/L	97
50) Dibromochloromethane	8.29	129	20122	4.543	ug/L	96
51) 1,2-Dibromoethane	8.40	107	17801	4.866	ug/L	97
52) Chlorobenzene	8.92	112	66953	5.134	ug/L	99
53) Ethylbenzene	9.05	91	120580	5.026	ug/L	98
54) m,p-Xylene	9.18	106	44257	4.953	ug/L	97
55) o-xylene	9.59	106	43718	5.035	ug/L	99
56) Styrene	9.60	104	70326	4.777	ug/L	99
57) Isopropylbenzene	9.97	105	117814	5.084	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	25659	5.095	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	18234	4.738	ug/L	93
62) Bromoform	9.77	173	10240	4.012	ug/L	94
63) 1,3-Dichlorobenzene	11.23	146	50335	5.043	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	50068	5.041	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	47142	5.055	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4188	4.399	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	37698	5.136	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	28412	4.865	ug/L	100
69) Naphthalene	13.55	128	48980	4.066	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	26135	4.891	ug/L	98

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

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