

Data File : VV011132.D
Acq On : 30 May 2019 12:30
Operator : SY/MD
Sample : VSTD2.567
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.567

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:07 AM

Quant Time: May 30 13:55:25 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	348577	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	153509	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13259	2.77	ug/L	0.00
7) Chloroethane-d5	1.56	69	9448	2.77	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	26110	2.94	ug/L	0.00
20) 2-Butanone-d5	3.95	46	6953m	4.22	ug/L	0.00
24) Chloroform-d	4.40	84	21110	2.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	13286	2.46	ug/L	0.00
29) Benzene-d6	5.09	84	44959	2.36	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	14294	2.35	ug/L	0.00
37) Toluene-d8	7.36	98	43534	2.48	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	5941	2.10	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	5779	4.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	11297	2.16	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	14941	2.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13951	2.454 ug/L	100
3) Chloromethane	1.25	50	12697	2.265 ug/L	98
5) Vinyl chloride	1.32	62	14206	2.745 ug/L	90
6) Bromomethane	1.51	94	7898	3.542 ug/L	100
8) Chloroethane	1.58	64	7483	2.666 ug/L	94
9) Trichlorofluoromethane	1.76	101	19665	2.837 ug/L	94
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11196	3.010 ug/L	96
12) 1,1-Dichloroethene	2.13	96	9838	2.811 ug/L	86
13) Acetone	2.19	43	9738	5.219 ug/L	96
14) Carbon disulfide	2.31	76	32189	2.750 ug/L	99
15) Methyl Acetate	2.46	43	7912	2.938 ug/L	96
16) Methylene chloride	2.53	84	15053	2.954 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	33019	2.519 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	11895	2.485 ug/L	94
19) 1,1-Dichloroethane	3.22	63	23109	2.483 ug/L	98
21) 2-Butanone	4.03	43	10443m	4.544 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	12787	2.371 ug/L	96
23) Bromochloromethane	4.29	128	5655	2.476 ug/L	98
25) Chloroform	4.42	83	24111	2.453 ug/L	98
27) 1,2-Dichloroethane	5.18	62	15868	2.478 ug/L	98
30) Cyclohexane	4.72	56	23310	2.470 ug/L	98
31) 1,1,1-Trichloroethane	4.65	97	19609	2.643 ug/L	97
32) Carbon tetrachloride	4.87	117	15905	2.503 ug/L	96
34) Benzene	5.14	78	48951	2.484 ug/L	100
35) Trichloroethene	5.96	95	12628	2.454 ug/L	96
36) Methylcyclohexane	6.17	83	22743	2.561 ug/L	97
40) 1,2-Dichloropropane	6.22	63	12107	2.305 ug/L	98
41) Bromodichloromethane	6.55	83	15833	2.378 ug/L	93
42) cis-1,3-Dichloropropene	7.07	75	18341	2.186 ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	22311	4.844 ug/L	97

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44) Toluene	7.43	91	52615	2.456	ug/L	95
45) trans-1,3-Dichloropropene	7.69	75	15232	2.127	ug/L	95
46) 1,1,2-Trichloroethane	7.88	97	9629	2.474	ug/L	97
47) Tetrachloroethene	8.02	164	9852	2.654	ug/L	95
49) 2-Hexanone	8.19	43	13662	4.022	ug/L	97
50) Dibromochloromethane	8.29	129	10078	2.235	ug/L	96
51) 1,2-Dibromoethane	8.40	107	9258	2.486	ug/L #	91
52) Chlorobenzene	8.92	112	34467	2.596	ug/L	98
53) Ethylbenzene	9.05	91	60689	2.485	ug/L	100
54) m,p-Xylene	9.18	106	22985	2.526	ug/L	98
55) o-xylene	9.59	106	22183	2.509	ug/L	94
56) Styrene	9.60	104	34359	2.292	ug/L	97
57) Isopropylbenzene	9.97	105	58834	2.494	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	13064	2.548	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	9879	2.521	ug/L	100
62) Bromoform	9.77	173	5116	1.981	ug/L #	98
63) 1,3-Dichlorobenzene	11.23	146	24829	2.459	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	26183	2.605	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	23290	2.468	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	2142	2.224	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	18384	2.475	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	13242	2.241	ug/L	99
69) Naphthalene	13.55	128	22646	1.858	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	12419	2.297	ug/L	99

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

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