

Data File : VV009889.D
Acq On : 26 Mar 2019 11:58
Operator : SY/MD
Sample : VSTD2.560
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.560

Manual Integrations
APPROVED

MMDadoda
3/27/2019 5:42:35 PM

Quant Time: Mar 26 14:19:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 14:05:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	185089	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10317	4.43	ug/L	0.00
7) Chloroethane-d5	1.57	69	11085	3.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	27656	4.49	ug/L	0.00
20) 2-Butanone-d5	3.95	46	2761m	3.94	ug/L	0.02
24) Chloroform-d	4.40	84	11615	2.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6840	2.75	ug/L	0.00
29) Benzene-d6	5.10	84	25143	2.65	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	7069	2.54	ug/L	0.00
37) Toluene-d8	7.36	98	22318	2.45	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	2536	1.83	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	1954	3.32	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6091	2.24	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	7929	2.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8515	3.634 ug/L	100
3) Chloromethane	1.25	50	8796	3.537 ug/L	97
5) Vinyl chloride	1.32	62	11295	4.088 ug/L	99
6) Bromomethane	1.51	94	11555	3.889 ug/L	92
8) Chloroethane	1.59	64	9715	4.124 ug/L	97
9) Trichlorofluoromethane	1.76	101	23971	4.303 ug/L	94
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13936	4.508 ug/L	99
12) 1,1-Dichloroethene	2.14	96	11626	4.374 ug/L	94
13) Acetone	2.18	43	6100	7.605 ug/L	96
14) Carbon disulfide	2.32	76	16014	2.319 ug/L	97
15) Methyl Acetate	2.46	43	2993	2.824 ug/L #	87
16) Methylene chloride	2.53	84	10914	4.353 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	14279	2.469 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	6406	2.773 ug/L	98
19) 1,1-Dichloroethane	3.23	63	11825	2.881 ug/L #	95
21) 2-Butanone	4.02	43	4431m	4.433 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	6679	2.571 ug/L	92
23) Bromochloromethane	4.30	128	3215	2.758 ug/L #	92
25) Chloroform	4.43	83	12594m	2.820 ug/L	
27) 1,2-Dichloroethane	5.18	62	8408	2.721 ug/L	97
30) Cyclohexane	4.72	56	9737	2.304 ug/L	90
31) 1,1,1-Trichloroethane	4.66	97	9267	2.187 ug/L	94
32) Carbon tetrachloride	4.87	117	7691m	2.128 ug/L	
34) Benzene	5.15	78	25763	2.590 ug/L	100
35) Trichloroethene	5.96	95	6835	2.483 ug/L	99
36) Methylcyclohexane	6.18	83	10735	2.233 ug/L	90
40) 1,2-Dichloropropane	6.22	63	6115	2.475 ug/L	100
41) Bromodichloromethane	6.56	83	6878	1.957 ug/L #	94
42) cis-1,3-Dichloropropene	7.07	75	8334	2.123 ug/L	93
43) 4-Methyl-2-pentanone	7.27	43	7620	4.313 ug/L #	94

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44) Toluene	7.43	91	27384	2.462	ug/L	92
45) trans-1,3-Dichloropropene	7.69	75	5694	1.600	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	4954	2.427	ug/L	97
47) Tetrachloroethene	8.02	164	5756	2.823	ug/L	88
49) 2-Hexanone	8.19	43	3941	2.672	ug/L #	83
50) Dibromochloromethane	8.29	129	4337	1.699	ug/L	88
51) 1,2-Dibromoethane	8.40	107	4521	2.200	ug/L	96
52) Chlorobenzene	8.92	112	19050	2.644	ug/L	98
53) Ethylbenzene	9.05	91	27731	2.180	ug/L	99
54) m,p-Xylene	9.18	106	10553	2.129	ug/L	77
55) o-xylene	9.59	106	9797	2.085	ug/L	98
56) Styrene	9.60	104	14953	1.897	ug/L	100
57) Isopropylbenzene	9.98	105	25228	1.965	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	6239	2.248	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	4824	2.440	ug/L	97
62) Bromoform	9.78	173	2026	1.425	ug/L #	74
63) 1,3-Dichlorobenzene	11.23	146	12699	2.498	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	15408	3.036	ug/L	88
65) 1,2-Dichlorobenzene	11.69	146	12421	2.600	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.48	75	646m	1.370	ug/L	
67) 1,3,5-Trichlorobenzene	12.70	180	9272	2.583	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	5165	1.853	ug/L	97
69) Naphthalene	13.56	128	6481	1.149	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.79	180	4841	1.874	ug/L	91

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

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