

Data File : VV013460.D
Acq On : 01 Nov 2019 10:17
Operator : SY/MD
Sample : VSTD2.562
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Manual Integrations
APPROVED

MMDadoda
11/4/2019 12:38:17 PM

Quant Time: Nov 02 02:20:11 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	712009	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	729013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	397776	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24299	2.23	ug/L	0.00
7) Chloroethane-d5	1.58	69	19665	2.28	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	45090	2.49	ug/L	0.00
20) 2-Butanone-d5	3.95	46	24139m	6.25	ug/L	0.00
24) Chloroform-d	4.40	84	50537	2.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	28646	2.52	ug/L	0.00
29) Benzene-d6	5.10	84	101157	2.46	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	31424	2.44	ug/L	0.00
37) Toluene-d8	7.36	98	86359	2.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	12924	2.38	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	9554	3.73	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28489	2.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	40548	2.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	31614	3.945 ug/L	98
3) Chloromethane	1.25	50	31081	3.060 ug/L	99
5) Vinyl chloride	1.32	62	29832	2.981 ug/L	96
6) Bromomethane	1.52	94	13596	2.252 ug/L	90
8) Chloroethane	1.60	64	18080	3.018 ug/L	96
9) Trichlorofluoromethane	1.77	101	40511	2.981 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23770	2.745 ug/L	97
12) 1,1-Dichloroethene	2.14	96	22431	2.799 ug/L	88
13) Acetone	2.18	43	38976	9.874 ug/L	94
14) Carbon disulfide	2.32	76	85803	3.206 ug/L	100
15) Methyl Acetate	2.46	43	21315	3.299 ug/L	98
16) Methylene chloride	2.53	84	43508	4.023 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	68826	2.866 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	30057	3.076 ug/L	95
19) 1,1-Dichloroethane	3.23	63	54237	3.042 ug/L	99
21) 2-Butanone	4.02	43	25716	5.498 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	29909	2.826 ug/L	94
23) Bromochloromethane	4.30	128	14517	2.789 ug/L	88
25) Chloroform	4.42	83	57288	3.086 ug/L	99
27) 1,2-Dichloroethane	5.18	62	36745	2.811 ug/L	97
30) Cyclohexane	4.72	56	42979	2.636 ug/L	97
31) 1,1,1-Trichloroethane	4.65	97	46134	3.064 ug/L	95
32) Carbon tetrachloride	4.87	117	38996	2.858 ug/L	96
34) Benzene	5.14	78	116193	2.802 ug/L	100
35) Trichloroethene	5.96	95	31105	2.705 ug/L	97
36) Methylcyclohexane	6.17	83	43982	2.478 ug/L	98
40) 1,2-Dichloropropane	6.22	63	28326	2.640 ug/L	98
41) Bromodichloromethane	6.55	83	36530	2.662 ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	37314	2.383 ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	52703	5.938 ug/L	97

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44) Toluene	7.43	91	111962	2.581	ug/L	97
45) trans-1,3-Dichloropropene	7.69	75	34651	2.601	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	23677	2.643	ug/L	97
47) Tetrachloroethene	8.02	164	26067	2.755	ug/L	96
49) 2-Hexanone	8.18	43	35118	5.329	ug/L	97
50) Dibromochloromethane	8.29	129	26644	2.560	ug/L	98
51) 1,2-Dibromoethane	8.40	107	23771	2.685	ug/L	98
52) Chlorobenzene	8.92	112	81712	2.727	ug/L	99
53) Ethylbenzene	9.05	91	122576	2.547	ug/L	99
54) m,p-Xylene	9.18	106	44248	2.429	ug/L	94
55) o-xylene	9.58	106	41613	2.418	ug/L	96
56) Styrene	9.60	104	70966	2.347	ug/L	95
57) Isopropylbenzene	9.97	105	109227	2.382	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	30111	2.722	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	24977	2.724	ug/L	95
62) Bromoform	9.77	173	18377	2.665	ug/L	97
63) 1,3-Dichlorobenzene	11.22	146	65730	2.647	ug/L	98
64) 1,4-Dichlorobenzene	11.31	146	71489	2.761	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	63353	2.693	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	5557	2.704	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	51577	2.638	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	43167	2.566	ug/L	98
69) Naphthalene	13.55	128	72426	2.173	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	39424	2.437	ug/L	98

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

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