

Data File : VW001882.D
Acq On : 05 Apr 2018 17:51
Operator : JC/SY
Sample : VSTD2.586
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

Manual Integrations
APPROVED

apatel
4/9/2018 2:44:53 PM

Quant Time: Apr 06 01:51:51 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 05 18:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	406637	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.65	117	391423	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	180598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17780	2.92	ug/L	0.00
7) Chloroethane-d5	2.89	69	13469	2.95	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	34626	2.68	ug/L	0.00
20) 2-Butanone-d5	7.09	46	7492	4.54	ug/L	0.00
24) Chloroform-d	7.65	84	28215	2.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	16874	2.42	ug/L	0.00
29) Benzene-d6	8.28	84	54687	2.47	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	18864	2.62	ug/L	0.00
37) Toluene-d8	10.34	98	44569	2.21	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	6930	2.27	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4589	2.98	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.71	84	14685	2.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	16347	2.42	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24552	2.64	ug/L	100
3) Chloromethane	2.22	50	22927	2.73	ug/L	97
5) Vinyl chloride	2.36	62	20832	2.66	ug/L	94
6) Bromomethane	2.78	94	11070	3.09	ug/L	93
8) Chloroethane	2.93	64	12495	2.94	ug/L	94
9) Trichlorofluoromethane	3.27	101	29400	2.70	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	16750m	2.55	ug/L	
12) 1,1-Dichloroethene	4.04	96	14810	2.52	ug/L	92
13) Acetone	4.13	43	9990	5.21	ug/L	74
14) Carbon disulfide	4.38	76	50169	2.42	ug/L	97
15) Methyl Acetate	4.68	43	13170m	2.91	ug/L	
16) Methylene chloride	4.92	84	29629	3.52	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	27475	2.08	ug/L	96
18) trans-1,2-Dichloroethene	5.43	96	16129	2.56	ug/L	98
19) 1,1-Dichloroethane	6.22	63	32432	2.67	ug/L	98
21) 2-Butanone	7.18	43	9756	3.68	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	15869	2.45	ug/L	97
23) Bromochloromethane	7.52	128	6778	2.35	ug/L	88
25) Chloroform	7.68	83	35030	2.67	ug/L	100
27) 1,2-Dichloroethane	8.41	62	21814	2.51	ug/L	99
30) Cyclohexane	7.96	56	20815	2.02	ug/L	# 93
31) 1,1,1-Trichloroethane	7.88	97	27860	2.65	ug/L	99
32) Carbon tetrachloride	8.07	117	25869	2.68	ug/L	96
34) Benzene	8.33	78	62583	2.47	ug/L	100
35) Trichloroethene	9.10	95	18044	2.67	ug/L	98
36) Methylcyclohexane	9.34	83	22767	2.13	ug/L	93
40) 1,2-Dichloropropane	9.38	63	17403	2.55	ug/L	99
41) Bromodichloromethane	9.65	83	22340	2.63	ug/L	96
42) cis-1,3-Dichloropropene	10.09	75	21499	2.25	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	17716	3.38	ug/L	98

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44) Toluene	10.40	91	59245	2.24	ug/L	98
45) trans-1,3-Dichloropropene	10.62	75	18306	2.16	ug/L	89
46) 1,1,2-Trichloroethane	10.80	97	12549	2.45	ug/L	95
47) Tetrachloroethene	10.87	164	13193	2.47	ug/L	95
49) 2-Hexanone	10.98	43	11930	3.14	ug/L	96
50) Dibromochloromethane	11.14	129	13897	2.37	ug/L	100
51) 1,2-Dibromoethane	11.25	107	10339	2.19	ug/L #	91
52) Chlorobenzene	11.67	112	43648	2.55	ug/L	95
53) Ethylbenzene	11.74	91	63703	2.19	ug/L	98
54) m,p-Xylene	11.85	106	23122	2.15	ug/L	94
55) o-xylene	12.18	106	19985	2.03	ug/L	85
58) 1,1,2,2-Tetrachloroethane	12.73	83	14926	2.19	ug/L	99
59) 1,2,3-Trichloropropane	12.79	75	11734	2.18	ug/L	99
62) Bromoform	12.36	173	8175	2.41	ug/L	99
63) 1,3-Dichlorobenzene	13.52	146	29468	2.54	ug/L	95
64) 1,4-Dichlorobenzene	13.60	146	32907	2.61	ug/L	97
65) 1,2-Dichlorobenzene	13.89	146	29025	2.52	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.51	75	2912	2.39	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.65	180	22176	2.45	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	16790	2.34	ug/L	97
70) 1,2,3-Trichlorobenzene	15.58	180	15357	2.24	ug/L	99

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

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