

Data File : VW004224.D
Acq On : 26 Jul 2018 11:56
Operator : SY/AP
Sample : VSTD2.585
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.585

Manual Integrations
APPROVED

MMDadoda
7/30/2018 11:42:31 AM

Quant Time: Jul 26 13:50:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 26 13:44:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403976	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387066	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	184524	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12721	3.18	ug/L	0.00
7) Chloroethane-d5	2.89	69	8158	2.83	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.00	63	26408	2.75	ug/L	-0.01
20) 2-Butanone-d5	7.08	46	9636	4.11	ug/L	0.00
24) Chloroform-d	7.65	84	27882	2.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	16450	2.85	ug/L	0.00
29) Benzene-d6	8.27	84	51223	2.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	18359	3.07	ug/L	0.00
37) Toluene-d8	10.32	98	47888	2.97	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7492	2.85	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6409	3.98	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	17356	2.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	19046	3.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	5637	2.179 ug/L	89
3) Chloromethane	2.21	50	9635	2.330 ug/L	91
5) Vinyl chloride	2.36	62	13750	2.208 ug/L	91
6) Bromomethane	2.78	94	6748	2.041 ug/L	96
8) Chloroethane	2.92	64	6416	1.966 ug/L	88
9) Trichlorofluoromethane	3.25	101	6440	2.076 ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	12405m	2.249 ug/L	
12) 1,1-Dichloroethene	4.02	96	11328	2.107 ug/L	85
13) Acetone	4.12	43	11162	4.382 ug/L	99
14) Carbon disulfide	4.37	76	36280	2.085 ug/L	100
15) Methyl Acetate	4.66	43	7861m	1.809 ug/L	
16) Methylene chloride	4.90	84	17570	2.267 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	18744	1.802 ug/L	94
18) trans-1,2-Dichloroethene	5.42	96	11328	2.046 ug/L	97
19) 1,1-Dichloroethane	6.21	63	22349	2.122 ug/L	94
21) 2-Butanone	7.18	43	12118	3.834 ug/L	80
22) cis-1,2-Dichloroethene	7.17	96	12018	2.031 ug/L	95
23) Bromochloromethane	7.51	128	5980	2.149 ug/L	97
25) Chloroform	7.67	83	23056	2.144 ug/L	99
27) 1,2-Dichloroethane	8.40	62	17090	2.156 ug/L	97
30) Cyclohexane	7.95	56	15819	1.676 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	17965	2.041 ug/L	98
32) Carbon tetrachloride	8.07	117	17097	2.013 ug/L	97
34) Benzene	8.32	78	49107	2.070 ug/L	100
35) Trichloroethene	9.09	95	14120	2.224 ug/L	98
36) Methylcyclohexane	9.34	83	20074	1.913 ug/L	92
40) 1,2-Dichloropropane	9.37	63	13867	2.156 ug/L	# 97
41) Bromodichloromethane	9.65	83	17367	2.193 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	18012	1.987 ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	19430	3.436 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	52518	2.112	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	17350	2.075	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	10933	2.187	ug/L	98
47) Tetrachloroethene	10.87	164	11085	2.165	ug/L	96
49) 2-Hexanone	10.97	43	14962	3.418	ug/L	95
50) Dibromochloromethane	11.13	129	12036	2.149	ug/L	94
51) 1,2-Dibromoethane	11.24	107	10118	2.072	ug/L #	98
52) Chlorobenzene	11.66	112	35856	2.249	ug/L	97
53) Ethylbenzene	11.74	91	55133	2.049	ug/L	98
54) m,p-Xylene	11.85	106	20357	2.052	ug/L	98
55) o-xylene	12.17	106	18277	1.926	ug/L	98
56) Styrene	12.19	104	29027	1.771	ug/L	95
57) Isopropylbenzene	12.47	105	48068	1.848	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	14731	2.062	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	11208	2.026	ug/L	95
62) Bromoform	12.35	173	7301	2.097	ug/L #	96
63) 1,3-Dichlorobenzene	13.51	146	26131	2.299	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	28457	2.335	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	25266	2.281	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	2563	1.985	ug/L #	79
67) 1,3,5-Trichlorobenzene	14.64	180	20980	2.334	ug/L	97
68) 1,2,4-trichlorobenzene	15.15	180	15936	2.211	ug/L	98
69) Naphthalene	15.38	128	30144	1.858	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	15122	2.205	ug/L	97

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

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