

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071818\
 Data File : VW004032.D
 Acq On : 18 Jul 2018 19:08
 Operator : VA/AP
 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

MMDadoda
 7/19/2018 6:07:44 PM

Quant Time: Jul 19 07:29:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 07:11:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	270527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260236	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	124887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	8755	3.27	ug/L	0.00
7) Chloroethane-d5	2.89	69	5579	2.89	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	18904	2.94	ug/L	0.00
20) 2-Butanone-d5	7.09	46	8742m	6.56	ug/L	0.00
24) Chloroform-d	7.65	84	18476	2.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	11474	2.97	ug/L	0.00
29) Benzene-d6	8.28	84	33149	2.75	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	10998	2.73	ug/L	0.00
37) Toluene-d8	10.33	98	28882	2.66	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	4427	2.50	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4680	4.32	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	12183	2.76	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	11448	2.85	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4534m	2.57	ug/L	
3) Chloromethane	2.21	50	8172	2.95	ug/L	96
5) Vinyl chloride	2.36	62	12371	2.97	ug/L	96
6) Bromomethane	2.78	94	6354	2.87	ug/L	94
8) Chloroethane	2.92	64	6157	2.82	ug/L	91
9) Trichlorofluoromethane	3.25	101	6722	3.24	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	10435	2.82	ug/L	97
12) 1,1-Dichloroethene	4.03	96	9831	2.73	ug/L	87
13) Acetone	4.12	43	11670	6.84	ug/L	98
14) Carbon disulfide	4.37	76	32636	2.80	ug/L	98
15) Methyl Acetate	4.67	43	8484	2.92	ug/L	99
16) Methylene chloride	4.92	84	20507	3.95	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	18228	2.62	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	9906	2.67	ug/L	91
19) 1,1-Dichloroethane	6.21	63	19158	2.72	ug/L	96
21) 2-Butanone	7.18	43	13153	6.21	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	10731	2.71	ug/L	91
23) Bromochloromethane	7.51	128	5143	2.76	ug/L	96
25) Chloroform	7.68	83	20248	2.81	ug/L	99
27) 1,2-Dichloroethane	8.40	62	15069	2.84	ug/L	99
30) Cyclohexane	7.95	56	13815	2.18	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	16192	2.74	ug/L	99
32) Carbon tetrachloride	8.07	117	14840	2.60	ug/L	96
34) Benzene	8.32	78	39612	2.48	ug/L	100
35) Trichloroethene	9.10	95	11267	2.64	ug/L	99
36) Methylcyclohexane	9.34	83	15587	2.21	ug/L	92
40) 1,2-Dichloropropane	9.37	63	11493	2.66	ug/L	# 98
41) Bromodichloromethane	9.65	83	13823	2.60	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	14166	2.32	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	18751	4.93	ug/L	96

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44) Toluene	10.39	91	39535	2.37	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	13294	2.37	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	9355	2.78	ug/L	98
47) Tetrachloroethene	10.87	164	9090	2.64	ug/L	96
49) 2-Hexanone	10.98	43	14904	5.06	ug/L	94
50) Dibromochloromethane	11.13	129	9691	2.57	ug/L	95
51) 1,2-Dibromoethane	11.24	107	8830	2.69	ug/L #	94
52) Chlorobenzene	11.66	112	28275	2.64	ug/L	100
53) Ethylbenzene	11.74	91	42526	2.35	ug/L	98
54) m,p-Xylene	11.85	106	15093	2.26	ug/L	98
55) o-xylene	12.17	106	14023	2.20	ug/L	95
56) Styrene	12.19	104	23592	2.14	ug/L	97
57) Isopropylbenzene	12.47	105	37764	2.16	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	13785	2.87	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	10615	2.85	ug/L	94
62) Bromoform	12.35	173	6476	2.75	ug/L #	95
63) 1,3-Dichlorobenzene	13.51	146	20718	2.69	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	23227	2.82	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	20344	2.71	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2753	3.15	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	16570	2.72	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	12531	2.57	ug/L	99
69) Naphthalene	15.38	128	25244	2.30	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	12021	2.59	ug/L	97

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

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