

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003344.D
 Acq On : 20 Jun 2018 10:03
 Operator : SY/AP
 Sample : VSTD00587
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00587

Manual Integrations
 APPROVED

MMDadoda
 6/22/2018 4:55:54 PM

Quant Time: Jun 21 04:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 20 11:34:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	385430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	360857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	177287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27100	5.48	ug/L	0.00
7) Chloroethane-d5	2.89	69	22393	4.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	55118	5.57	ug/L	0.00
20) 2-Butanone-d5	7.09	46	18045	10.63	ug/L	0.00
24) Chloroform-d	7.65	84	55061	5.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	33322	5.50	ug/L	0.00
29) Benzene-d6	8.27	84	101643	5.32	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	32489	5.38	ug/L	0.00
37) Toluene-d8	10.33	98	94143	5.08	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	14884	5.20	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	12204	9.09	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	30123	5.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	36593	5.24	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10928	6.81	ug/L	92
3) Chloromethane	2.21	50	25761	6.41	ug/L	100
5) Vinyl chloride	2.36	62	36284	5.81	ug/L	99
6) Bromomethane	2.78	94	21014	5.27	ug/L	99
8) Chloroethane	2.92	64	22385	5.36	ug/L	97
9) Trichlorofluoromethane	3.25	101	20842	5.16	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	27663	5.75	ug/L #	83
12) 1,1-Dichloroethene	4.03	96	25898	5.68	ug/L	92
13) Acetone	4.15	43	17675	10.20	ug/L	81
14) Carbon disulfide	4.37	76	83118	5.62	ug/L	97
15) Methyl Acetate	4.68	43	15239	5.65	ug/L #	83
16) Methylene chloride	4.92	84	29937	5.09	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	44399	5.12	ug/L #	88
18) trans-1,2-Dichloroethene	5.41	96	27012m	5.63	ug/L	
19) 1,1-Dichloroethane	6.21	63	50435	5.77	ug/L	97
21) 2-Butanone	7.18	43	20929	10.64	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	27738	5.46	ug/L	96
23) Bromochloromethane	7.51	128	13297	5.52	ug/L	86
25) Chloroform	7.68	83	50988	5.53	ug/L	99
27) 1,2-Dichloroethane	8.40	62	37000	5.58	ug/L #	95
30) Cyclohexane	7.96	56	40474	5.07	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	42174	5.55	ug/L	100
32) Carbon tetrachloride	8.07	117	39755	5.44	ug/L	99
34) Benzene	8.32	78	107581	5.44	ug/L	100
35) Trichloroethene	9.10	95	29137	5.52	ug/L	98
36) Methylcyclohexane	9.34	83	47287	5.21	ug/L	98
40) 1,2-Dichloropropane	9.37	63	28876	5.67	ug/L	99
41) Bromodichloromethane	9.65	83	35408	5.37	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	39586	5.04	ug/L	94
43) 4-Methyl-2-pentanone	10.22	43	37093	9.61	ug/L	100

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44) Toluene	10.39	91	113769	5.29	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	36290	5.13	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	21199	5.41	ug/L	96
47) Tetrachloroethene	10.87	164	24994	5.64	ug/L	99
49) 2-Hexanone	10.98	43	26195	9.40	ug/L	98
50) Dibromochloromethane	11.13	129	24886	5.21	ug/L	93
51) 1,2-Dibromoethane	11.24	107	20605	5.30	ug/L	100
52) Chlorobenzene	11.66	112	75279	5.36	ug/L	96
53) Ethylbenzene	11.74	91	125502	5.14	ug/L	97
54) m,p-Xylene	11.85	106	45934	5.09	ug/L	97
55) o-xylene	12.17	106	42059	4.90	ug/L	97
56) Styrene	12.19	104	74228	4.96	ug/L	99
57) Isopropylbenzene	12.47	105	118927	4.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	27700	5.34	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	21233	5.37	ug/L	97
62) Bromoform	12.36	173	15407	5.33	ug/L #	96
63) 1,3-Dichlorobenzene	13.51	146	56724	5.38	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	60362	5.48	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	55821	5.60	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	4724	5.53	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	44773	5.42	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	35435	5.25	ug/L	99
69) Naphthalene	15.38	128	59856	4.66	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	33505	5.34	ug/L	99

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

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