

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005936.D
 Acq On : 09 Oct 2018 11:35
 Operator : SY/AP
 Sample : VSTD2.594
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.594

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:50:47 AM

Quant Time: Oct 10 07:36:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 07:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	400908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	200813	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13053	2.89	ug/L	0.00
7) Chloroethane-d5	2.89	69	9972	2.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	22833	2.63	ug/L	0.00
20) 2-Butanone-d5	7.09	46	6788m	4.53	ug/L	0.00
24) Chloroform-d	7.65	84	21213	2.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	11600	2.41	ug/L	0.00
29) Benzene-d6	8.27	84	41645	2.44	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	12761	2.48	ug/L	0.00
37) Toluene-d8	10.32	98	40575	2.38	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	5721	2.29	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4928	3.96	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10682	2.13	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	15882	2.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	8493m	2.241	ug/L
3) Chloromethane	2.21	50	9589	2.577	ug/L
5) Vinyl chloride	2.36	62	15068	2.512	ug/L
6) Bromomethane	2.78	94	11320	2.424	ug/L
8) Chloroethane	2.93	64	8492	2.310	ug/L
9) Trichlorofluoromethane	3.25	101	10495	2.187	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	11860m	2.488	ug/L
12) 1,1-Dichloroethene	4.03	96	11234	2.441	ug/L
13) Acetone	4.14	43	7443	4.916	ug/L
14) Carbon disulfide	4.37	76	37920	2.520	ug/L
15) Methyl Acetate	4.68	43	5511	2.247	ug/L
16) Methylene chloride	4.91	84	15711	3.035	ug/L
17) Methyl tert-butyl Ether	5.43	73	19011	2.537	ug/L
18) trans-1,2-Dichloroethene	5.42	96	12972	2.546	ug/L
19) 1,1-Dichloroethane	6.21	63	20659	2.505	ug/L
21) 2-Butanone	7.18	43	9871	4.907	ug/L
22) cis-1,2-Dichloroethene	7.17	96	13830	2.488	ug/L
23) Bromochloromethane	7.51	128	6588	2.520	ug/L
25) Chloroform	7.67	83	21833	2.460	ug/L
27) 1,2-Dichloroethane	8.40	62	14947	2.470	ug/L
30) Cyclohexane	7.95	56	20794	2.519	ug/L
31) 1,1,1-Trichloroethane	7.87	97	19350	2.462	ug/L
32) Carbon tetrachloride	8.07	117	18866	2.447	ug/L
34) Benzene	8.32	78	47677	2.472	ug/L
35) Trichloroethene	9.09	95	13259	2.444	ug/L
36) Methylcyclohexane	9.34	83	25289	2.544	ug/L
40) 1,2-Dichloropropane	9.37	63	12096	2.529	ug/L
41) Bromodichloromethane	9.65	83	15184	2.351	ug/L
42) cis-1,3-Dichloropropene	10.07	75	18597	2.380	ug/L
43) 4-Methyl-2-pentanone	10.21	43	19073	4.976	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	53292	2.461	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	15631	2.290	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	9536	2.394	ug/L	95
47) Tetrachloroethene	10.87	164	12388	2.467	ug/L	93
49) 2-Hexanone	10.98	43	11562	4.093	ug/L	98
50) Dibromochloromethane	11.13	129	11734	2.298	ug/L	91
51) 1,2-Dibromoethane	11.24	107	9809	2.366	ug/L	97
52) Chlorobenzene	11.66	112	36256	2.474	ug/L	99
53) Ethylbenzene	11.73	91	61645	2.445	ug/L	98
54) m,p-Xylene	11.84	106	23901	2.419	ug/L	96
55) o-xylene	12.17	106	22507	2.386	ug/L	99
56) Styrene	12.18	104	37553	2.311	ug/L	100
57) Isopropylbenzene	12.47	105	62487	2.380	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	11986	2.315	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	8807	2.280	ug/L	95
62) Bromoform	12.35	173	7195	2.138	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	30121	2.443	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	31154	2.509	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	28243	2.490	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	1878	2.057	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	24302	2.445	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	20175	2.380	ug/L	100
69) Naphthalene	15.38	128	38862	2.264	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	17467	2.294	ug/L	99

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

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