

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122718\
 Data File : VW007918.D
 Acq On : 26 Dec 2018 11:39
 Operator : SY/AP
 Sample : VSTD00586
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00586

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 4:48:29 PM

Quant Time: Dec 26 12:31:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 26 10:32:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	107171	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	97796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	4354	6.24	ug/L	0.00
7) Chloroethane-d5	2.90	69	2940	4.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	12666	5.26	ug/L	0.00
20) 2-Butanone-d5	7.07	46	3632	8.25	ug/L	0.00
24) Chloroform-d	7.65	84	13165	5.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	7749	5.39	ug/L	0.00
29) Benzene-d6	8.27	84	24835	4.68	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	6766	4.46	ug/L	0.00
37) Toluene-d8	10.32	98	24483	4.92	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	3912	5.05	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	2955	8.10	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	6293	4.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	9312	5.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	5985	5.114 ug/L	94
3) Chloromethane	2.21	50	4779	5.101 ug/L	89
5) Vinyl chloride	2.37	62	5982	6.767 ug/L	93
6) Bromomethane	2.78	94	3504	5.731 ug/L	97
8) Chloroethane	2.92	64	2842m	5.341 ug/L	
9) Trichlorofluoromethane	3.26	101	4584	4.518 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	6931m	5.124 ug/L	
12) 1,1-Dichloroethene	4.03	96	6040	4.799 ug/L	88
13) Acetone	4.13	43	3771	7.370 ug/L	98
14) Carbon disulfide	4.38	76	18603	5.062 ug/L	95
15) Methyl Acetate	4.67	43	2942m	3.835 ug/L	
16) Methylene chloride	4.91	84	12791	7.387 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	10957	5.354 ug/L #	88
18) trans-1,2-Dichloroethene	5.41	96	6610	4.895 ug/L	91
19) 1,1-Dichloroethane	6.22	63	11105	4.825 ug/L	98
21) 2-Butanone	7.17	43	4162	7.568 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	7016	4.722 ug/L	96
23) Bromochloromethane	7.51	128	3086	4.556 ug/L #	89
25) Chloroform	7.68	83	13028	5.231 ug/L	96
27) 1,2-Dichloroethane	8.40	62	9243	5.192 ug/L #	96
30) Cyclohexane	7.95	56	10751	4.582 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	11662	5.067 ug/L	99
32) Carbon tetrachloride	8.07	117	10892	4.897 ug/L	95
34) Benzene	8.32	78	26478	4.723 ug/L	100
35) Trichloroethene	9.09	95	7464	4.644 ug/L	98
36) Methylcyclohexane	9.33	83	12715	4.582 ug/L	98
40) 1,2-Dichloropropane	9.37	63	6129	4.470 ug/L	98
41) Bromodichloromethane	9.65	83	8794	4.467 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	10455	4.540 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	8654	7.974 ug/L	98

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44) Toluene	10.39	91	29362	4.860	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	9416	4.656	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	5093	4.511	ug/L	96
47) Tetrachloroethene	10.86	164	6189	5.097	ug/L	91
49) 2-Hexanone	10.97	43	6304	8.264	ug/L	97
50) Dibromochloromethane	11.13	129	6475	4.668	ug/L	98
51) 1,2-Dibromoethane	11.24	107	5099	4.497	ug/L #	92
52) Chlorobenzene	11.66	112	19301	4.922	ug/L	95
53) Ethylbenzene	11.73	91	34035	5.010	ug/L	96
54) m,p-Xylene	11.84	106	12674	4.911	ug/L	92
55) o-xylene	12.17	106	12393	5.081	ug/L	90
56) Styrene	12.18	104	20378	4.874	ug/L	96
57) Isopropylbenzene	12.47	105	34099	5.009	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	6071	4.337	ug/L #	99
59) 1,2,3-Trichloropropane	12.77	75	4881	4.406	ug/L	96
62) Bromoform	12.35	173	3457	4.179	ug/L	95
63) 1,3-Dichlorobenzene	13.51	146	15747	5.074	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	15637	5.054	ug/L	93
65) 1,2-Dichlorobenzene	13.88	146	14355	5.168	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	1255	4.266	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	11733	5.219	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	10061	5.191	ug/L	98
69) Naphthalene	15.38	128	20686	4.318	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	8675	4.923	ug/L	98

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

