

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003759.D
 Acq On : 07 Jul 2018 10:19
 Operator : SY/AP
 Sample : VSTD02589
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02589

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:57:19 PM

Quant Time: Jul 09 09:27:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 09 04:17:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	186526	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117246	22.47	ug/L	0.00
7) Chloroethane-d5	2.89	69	89145	22.39	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	247995	24.97	ug/L	0.00
20) 2-Butanone-d5	7.10	46	78682	47.77	ug/L	0.00
24) Chloroform-d	7.65	84	254107	24.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	150575	23.74	ug/L	0.00
29) Benzene-d6	8.28	84	478509	24.90	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	156439	25.04	ug/L	0.00
37) Toluene-d8	10.33	98	457694	25.13	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	72028	25.16	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	61390	51.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	141973	24.30	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	171322	24.30	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37942m	11.47	ug/L	
3) Chloromethane	2.21	50	93445	20.66	ug/L	100
5) Vinyl chloride	2.36	62	139488	21.10	ug/L	100
6) Bromomethane	2.78	94	76063	20.09	ug/L	100
8) Chloroethane	2.92	64	80404	22.13	ug/L	100
9) Trichlorofluoromethane	3.26	101	75274	24.45	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	122063	24.95	ug/L	100
12) 1,1-Dichloroethene	4.03	96	119804	25.02	ug/L	100
13) Acetone	4.15	43	71691	39.34	ug/L	100
14) Carbon disulfide	4.37	76	388798	24.90	ug/L	100
15) Methyl Acetate	4.68	43	72465	24.89	ug/L	100
16) Methylene chloride	4.91	84	133840	21.47	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	239480	26.21	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	130536	25.14	ug/L	100
19) 1,1-Dichloroethane	6.21	63	244641	24.22	ug/L	100
21) 2-Butanone	7.18	43	97361	42.49	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	139221	24.45	ug/L	100
23) Bromochloromethane	7.51	128	63661	23.75	ug/L	100
25) Chloroform	7.68	83	252253	24.07	ug/L	100
27) 1,2-Dichloroethane	8.40	62	182953	23.85	ug/L	100
30) Cyclohexane	7.96	56	226242	26.70	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	206072	25.45	ug/L	100
32) Carbon tetrachloride	8.07	117	196803	24.83	ug/L	100
34) Benzene	8.32	78	555660	25.41	ug/L	100
35) Trichloroethene	9.09	95	147109	25.29	ug/L	100
36) Methylcyclohexane	9.34	83	255659	26.14	ug/L	100
40) 1,2-Dichloropropane	9.37	63	146014	25.21	ug/L	100
41) Bromodichloromethane	9.65	83	185716	24.66	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	223242	25.88	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	203360	48.83	ug/L	100

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44) Toluene	10.39	91	607205	25.98	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	203532	25.81	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	107123	24.32	ug/L	100
47) Tetrachloroethene	10.87	164	118953	24.67	ug/L	100
49) 2-Hexanone	10.98	43	155245	48.43	ug/L	100
50) Dibromochloromethane	11.13	129	129981	24.66	ug/L	100
51) 1,2-Dibromoethane	11.24	107	105425	24.83	ug/L	100
52) Chlorobenzene	11.66	112	384221	24.99	ug/L	100
53) Ethylbenzene	11.74	91	692960	26.23	ug/L	100
54) m,p-Xylene	11.85	106	259494	26.68	ug/L	100
55) o-xylene	12.17	106	244869	26.66	ug/L	100
56) Styrene	12.19	104	428762	26.69	ug/L	100
57) Isopropylbenzene	12.47	105	682739	27.10	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	141112	24.12	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	105838	24.25	ug/L	100
62) Bromoform	12.35	173	79106	23.68	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	295996	25.10	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	310912	24.35	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	287058	24.91	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	23507	22.56	ug/L	100
67) 1,3,5-Trichlorobenzene	14.64	180	231706	24.93	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	187460	25.12	ug/L	100
69) Naphthalene	15.38	128	387979	25.97	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	176283	25.00	ug/L	100

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

