

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003760.D
 Acq On : 07 Jul 2018 10:44
 Operator : SY/AP
 Sample : VSTD05090
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05090

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:57:20 PM

Quant Time: Jul 09 09:28:47 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	388573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366325	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	188293	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	209338	40.15	ug/L	0.00
7) Chloroethane-d5	2.89	69	168336	42.32	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	454448	45.80	ug/L	0.00
20) 2-Butanone-d5	7.09	46	158750	96.45	ug/L	0.00
24) Chloroform-d	7.65	84	446080	42.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	264909	41.80	ug/L	0.00
29) Benzene-d6	8.27	84	851440	43.88	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	276227	43.80	ug/L	0.00
37) Toluene-d8	10.33	98	822354	44.73	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	130739	45.24	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	124313	102.90	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	262924	44.57	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	307550	43.21	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85445m	25.85	ug/L	
3) Chloromethane	2.21	50	166722	36.89	ug/L	100
5) Vinyl chloride	2.36	62	259053	39.22	ug/L	98
6) Bromomethane	2.78	94	147154	38.89	ug/L	98
8) Chloroethane	2.92	64	158520	43.67	ug/L	100
9) Trichlorofluoromethane	3.25	101	136171	44.26	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	232353	47.54	ug/L	99
12) 1,1-Dichloroethene	4.03	96	225151	47.06	ug/L	98
13) Acetone	4.15	43	144444	79.32	ug/L	100
14) Carbon disulfide	4.37	76	730444	46.82	ug/L	100
15) Methyl Acetate	4.68	43	146020	50.20	ug/L	100
16) Methylene chloride	4.91	84	236688	38.00	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	462192	50.62	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	242213	46.69	ug/L	99
19) 1,1-Dichloroethane	6.21	63	455399	45.12	ug/L	99
21) 2-Butanone	7.19	43	203147	88.73	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	266528	46.84	ug/L	96
23) Bromochloromethane	7.51	128	119764	44.71	ug/L	97
25) Chloroform	7.68	83	468967	44.78	ug/L	98
27) 1,2-Dichloroethane	8.40	62	337290	44.00	ug/L	97
30) Cyclohexane	7.96	56	437825	51.17	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	379747	46.45	ug/L	100
32) Carbon tetrachloride	8.07	117	367936	45.98	ug/L	99
34) Benzene	8.32	78	1035206	46.90	ug/L	100
35) Trichloroethene	9.09	95	271537	46.24	ug/L	99
36) Methylcyclohexane	9.34	83	496412	50.27	ug/L	98
40) 1,2-Dichloropropane	9.37	63	275420	47.11	ug/L	99
41) Bromodichloromethane	9.65	83	349354	45.95	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	430697	49.45	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	419411	99.76	ug/L	99

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44) Toluene	10.39	91	1141341	48.38	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	388580	48.81	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	206447	46.43	ug/L	99
47) Tetrachloroethene	10.87	164	225276	46.27	ug/L	99
49) 2-Hexanone	10.98	43	320256	98.96	ug/L	98
50) Dibromochloromethane	11.13	129	249640	46.90	ug/L	99
51) 1,2-Dibromoethane	11.24	107	203496	47.48	ug/L	97
52) Chlorobenzene	11.66	112	720961	46.45	ug/L	98
53) Ethylbenzene	11.74	91	1315606	49.33	ug/L	100
54) m,p-Xylene	11.85	106	487854	49.68	ug/L	99
55) o-xylene	12.17	106	468389	50.51	ug/L	99
56) Styrene	12.19	104	815672	50.30	ug/L	99
57) Isopropylbenzene	12.47	105	1292613	50.82	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	276340	46.78	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	209611	47.57	ug/L	99
62) Bromoform	12.35	173	156134	46.31	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	563537	47.34	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	585078	45.39	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	539744	46.39	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	47546	45.20	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	438948	46.79	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	367825	48.82	ug/L	99
69) Naphthalene	15.38	128	807851	53.56	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	338741	47.59	ug/L	99

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

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