

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082218\
 Data File : VW004888.D
 Acq On : 22 Aug 2018 16:53
 Operator : SY/AP
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

Quant Time: Aug 22 17:17:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 22 17:00:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	670013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	665516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	345821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	576487	69.17	ug/L	0.00
7) Chloroethane-d5	2.89	69	427286	60.95	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	767826	45.37	ug/L	0.00
20) 2-Butanone-d5	7.09	46	281975	76.74	ug/L	0.00
24) Chloroform-d	7.66	84	689452	38.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	372417	36.83	ug/L	0.00
29) Benzene-d6	8.28	84	1806964	51.04	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	526711	45.52	ug/L	0.00
37) Toluene-d8	10.33	98	1911463	61.24	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	235540	49.50	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	312018	110.77	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	529635	42.21	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	689482	53.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	600719	86.23	ug/L	99
3) Chloromethane	2.21	50	702366	76.33	ug/L	98
5) Vinyl chloride	2.36	62	692132	57.64	ug/L	99
6) Bromomethane	2.78	94	374683	53.96	ug/L	98
8) Chloroethane	2.92	64	385620	53.53	ug/L	94
9) Trichlorofluoromethane	3.26	101	707385	129.16	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	410676	43.19	ug/L	99
12) 1,1-Dichloroethene	4.04	96	386853	41.64	ug/L	92
13) Acetone	4.15	43	182018	57.18	ug/L	98
14) Carbon disulfide	4.39	76	1613101	56.61	ug/L	100
15) Methyl Acetate	4.68	43	236232	36.41	ug/L	98
16) Methylene chloride	4.93	84	531075	39.91	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	886135	70.47	ug/L	100
18) trans-1,2-Dichloroethene	5.44	96	395319	41.61	ug/L	98
19) 1,1-Dichloroethane	6.23	63	691472	38.35	ug/L	98
21) 2-Butanone	7.18	43	312982	71.83	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	435168	41.96	ug/L	98
23) Bromochloromethane	7.52	128	223096	44.95	ug/L	98
25) Chloroform	7.68	83	694452	37.74	ug/L	99
27) 1,2-Dichloroethane	8.41	62	465638	37.66	ug/L	99
30) Cyclohexane	7.96	56	834107	53.00	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	659967	46.67	ug/L	99
32) Carbon tetrachloride	8.07	117	601971	44.17	ug/L	97
34) Benzene	8.33	78	2041784	49.76	ug/L	100
35) Trichloroethene	9.10	95	505650	48.99	ug/L	99
36) Methylcyclohexane	9.34	83	980556	54.12	ug/L	99
40) 1,2-Dichloropropane	9.37	63	496555	45.69	ug/L	100
41) Bromodichloromethane	9.65	83	529629	40.57	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	741032	49.85	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	831875	102.09	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	2422946	58.68	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	662890	49.61	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	388213	45.95	ug/L	99
47) Tetrachloroethene	10.87	164	475714	58.25	ug/L	98
49) 2-Hexanone	10.98	43	642792	104.97	ug/L	98
50) Dibromochloromethane	11.13	129	439358	46.88	ug/L	99
51) 1,2-Dibromoethane	11.24	107	388990	48.03	ug/L	97
52) Chlorobenzene	11.66	112	1540017	55.15	ug/L	99
53) Ethylbenzene	11.74	91	2762437	59.53	ug/L	99
54) m,p-Xylene	11.85	106	1064373	61.48	ug/L	100
55) o-xylene	12.17	106	1006971	61.39	ug/L	97
56) Styrene	12.19	104	1752135	61.30	ug/L	100
57) Isopropylbenzene	12.47	105	2721417	61.29	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	556666	45.40	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	423739	46.27	ug/L	98
62) Bromoform	12.35	173	293616	46.72	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1214709	56.45	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	1230095	53.19	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	1149397	53.31	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	104837	47.34	ug/L	94
67) 1,3,5-Trichlorobenzene	14.64	180	967398	56.71	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	805938	58.40	ug/L	99
69) Naphthalene	15.38	128	1872592	59.50	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	764115	56.86	ug/L	100

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

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