

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\
 Data File : VW005044.D
 Acq On : 31 Aug 2018 15:15
 Operator : SY/AP
 Sample : VSTD05090
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05090

Quant Time: Aug 31 15:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 15:23:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	698455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	709854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	384249	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	514019	38.94	ug/L	0.00
7) Chloroethane-d5	2.88	69	387381	39.58	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	724914	43.00	ug/L	0.00
20) 2-Butanone-d5	7.08	46	293182	109.12	ug/L	0.00
24) Chloroform-d	7.65	84	738586	47.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	412572	48.97	ug/L	0.00
29) Benzene-d6	8.28	84	1796332	49.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	524166	48.86	ug/L	0.00
37) Toluene-d8	10.33	98	1874903	48.47	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	238340	51.64	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	297823	112.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	519016	48.15	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	733399	47.51	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	479554	36.50	ug/L	100
3) Chloromethane	2.21	50	526802	35.38	ug/L	99
5) Vinyl chloride	2.36	62	535133	35.48	ug/L	98
6) Bromomethane	2.76	94	308259	39.02	ug/L	99
8) Chloroethane	2.92	64	299964	35.59	ug/L	100
9) Trichlorofluoromethane	3.26	101	577886	37.87	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	391906	42.93	ug/L	99
12) 1,1-Dichloroethene	4.04	96	344398	42.35	ug/L	93
13) Acetone	4.12	43	148960	71.58	ug/L	96
14) Carbon disulfide	4.38	76	1192344	35.39	ug/L	99
15) Methyl Acetate	4.68	43	226424	48.12	ug/L	100
16) Methylene chloride	4.92	84	455890	33.66	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	919540	52.35	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	384072	45.36	ug/L	100
19) 1,1-Dichloroethane	6.22	63	641922	41.53	ug/L	99
21) 2-Butanone	7.18	43	276203	86.19	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	420195	45.99	ug/L	99
23) Bromochloromethane	7.52	128	192865	39.97	ug/L	97
25) Chloroform	7.68	83	669662	43.23	ug/L	100
27) 1,2-Dichloroethane	8.41	62	441404	43.47	ug/L	100
30) Cyclohexane	7.96	56	695187	46.01	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	608082	44.47	ug/L	100
32) Carbon tetrachloride	8.07	117	555344	45.41	ug/L	99
34) Benzene	8.33	78	1734661	42.86	ug/L	100
35) Trichloroethene	9.10	95	445114	44.23	ug/L	99
36) Methylcyclohexane	9.34	83	801625	43.06	ug/L	99
40) 1,2-Dichloropropane	9.37	63	430560	43.24	ug/L	99
41) Bromodichloromethane	9.65	83	504871	46.02	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	669973	48.48	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	679830	92.50	ug/L	99

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44) Toluene	10.39	91	2066377	42.51	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	587470	46.87	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	348735	44.87	ug/L	98
47) Tetrachloroethene	10.87	164	415060	42.13	ug/L	99
49) 2-Hexanone	10.98	43	515168	90.70	ug/L	99
50) Dibromochloromethane	11.13	129	405013	46.94	ug/L	100
51) 1,2-Dibromoethane	11.24	107	335325	43.96	ug/L	99
52) Chlorobenzene	11.66	112	1353530	41.92	ug/L	99
53) Ethylbenzene	11.74	91	2356838	43.09	ug/L	100
54) m,p-Xylene	11.85	106	943072	44.45	ug/L	98
55) o-xylene	12.17	106	890882	44.94	ug/L	99
56) Styrene	12.19	104	1557690	45.73	ug/L	98
57) Isopropylbenzene	12.47	105	2388914	45.11	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	474215	42.81	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	364324	42.69	ug/L	99
62) Bromoform	12.35	173	272488	44.73	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1133384	42.81	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1168741	42.17	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	1084951	42.77	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	86297	40.12	ug/L	93
67) 1,3,5-Trichlorobenzene	14.64	180	912613	43.08	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	770672	45.06	ug/L	99
69) Naphthalene	15.38	128	1670469	48.05	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	723327	44.90	ug/L	99

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

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