

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005938.D
 Acq On : 09 Oct 2018 12:27
 Operator : SY/AP
 Sample : VSTD02596
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02596

Quant Time: Oct 09 14:03:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 11:19:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	335559	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312156	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	169457	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92005	21.51	ug/L	0.00
7) Chloroethane-d5	2.90	69	83298	24.96	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	180427	19.32	ug/L	0.00
20) 2-Butanone-d5	7.09	46	79364	57.79	ug/L	0.00
24) Chloroform-d	7.65	84	192955	22.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	108540	20.79	ug/L	0.00
29) Benzene-d6	8.27	84	382559	24.76	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	114822	25.71	ug/L	0.00
37) Toluene-d8	10.33	98	383140	25.11	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	57185	24.38	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	66220	63.31	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124312	28.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	160488	26.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	74681	18.980	ug/L 100
3) Chloromethane	2.21	50	65771	17.944	ug/L 97
5) Vinyl chloride	2.37	62	115494	21.853	ug/L 97
6) Bromomethane	2.79	94	86808	27.300	ug/L 100
8) Chloroethane	2.93	64	69907	23.790	ug/L 96
9) Trichlorofluoromethane	3.26	101	94195	23.326	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	92456	20.267	ug/L 97
12) 1,1-Dichloroethene	4.03	96	88805	20.383	ug/L 86
13) Acetone	4.13	43	70009	48.954	ug/L 65
14) Carbon disulfide	4.38	76	289156	21.167	ug/L 98
15) Methyl Acetate	4.68	43	54406	21.437	ug/L 100
16) Methylene chloride	4.92	84	90384	16.336	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	148370	21.403	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	96725	21.586	ug/L 91
19) 1,1-Dichloroethane	6.21	63	156762	18.907	ug/L 99
21) 2-Butanone	7.18	43	89676	52.360	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	104282	21.410	ug/L 90
23) Bromochloromethane	7.52	128	49557	21.923	ug/L 91
25) Chloroform	7.68	83	166987	18.824	ug/L 99
27) 1,2-Dichloroethane	8.40	62	116123	17.779	ug/L # 93
30) Cyclohexane	7.96	56	157947	22.325	ug/L 96
31) 1,1,1-Trichloroethane	7.87	97	152529	19.953	ug/L 98
32) Carbon tetrachloride	8.07	117	147234	19.779	ug/L 100
34) Benzene	8.32	78	367764	20.851	ug/L 100
35) Trichloroethene	9.09	95	103085	21.846	ug/L 95
36) Methylcyclohexane	9.34	83	188679	22.995	ug/L 94
40) 1,2-Dichloropropane	9.37	63	89443	20.809	ug/L 100
41) Bromodichloromethane	9.65	83	121475	20.100	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	148986	20.989	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	158880	45.294	ug/L 97

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44) Toluene	10.39	91	409674	20.785	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	131806	19.941	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	76970	21.459	ug/L	98
47) Tetrachloroethene	10.87	164	94861	22.819	ug/L	94
49) 2-Hexanone	10.97	43	130513	53.005	ug/L	99
50) Dibromochloromethane	11.13	129	98253	21.842	ug/L	95
51) 1,2-Dibromoethane	11.24	107	81972	23.639	ug/L	95
52) Chlorobenzene	11.66	112	276975	21.361	ug/L	97
53) Ethylbenzene	11.74	91	477279	21.148	ug/L	97
54) m,p-Xylene	11.84	106	186926	21.985	ug/L	91
55) o-xylene	12.17	106	178582	22.284	ug/L	93
56) Styrene	12.18	104	304191	21.630	ug/L	98
57) Isopropylbenzene	12.47	105	498054	21.759	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	106533	23.283	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	80499	21.673	ug/L	98
62) Bromoform	12.35	173	67909	22.536	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	237501	22.065	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	238183	21.189	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	218536	21.100	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	20247	20.560	ug/L #	69
67) 1,3,5-Trichlorobenzene	14.64	180	191857	21.718	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	166100	22.888	ug/L	99
69) Naphthalene	15.38	128	360444	24.788	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	150223	22.087	ug/L	98

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

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