

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011101.D
 Acq On : 02 Jul 2019 09:54
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 11:02:49 PM

Quant Time: Jul 02 10:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 10:47:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374771	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161906	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27492	5.66	ug/L	0.00
7) Chloroethane-d5	2.89	69	18301	4.89	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	59085	5.15	ug/L	0.00
20) 2-Butanone-d5	7.08	46	21000	9.21	ug/L	0.00
24) Chloroform-d	7.65	84	50725	5.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	30748	4.91	ug/L	0.00
29) Benzene-d6	8.27	84	101678	5.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	33053	4.99	ug/L	0.00
37) Toluene-d8	10.32	98	89661	4.96	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12678	4.33	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	12912	8.67	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26076	4.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	31138	5.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	20942	3.975	ug/L 100
3) Chloromethane	2.21	50	24746	4.418	ug/L 100
5) Vinyl chloride	2.35	62	35212	5.258	ug/L 99
6) Bromomethane	2.78	94	16194	4.899	ug/L 98
8) Chloroethane	2.92	64	16464	4.642	ug/L 97
9) Trichlorofluoromethane	3.25	101	10444	4.618	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	25757m	4.901	ug/L
12) 1,1-Dichloroethene	4.04	96	25429	4.847	ug/L 95
13) Acetone	4.12	43	25938	11.873	ug/L 100
14) Carbon disulfide	4.39	76	72083	4.641	ug/L 99
15) Methyl Acetate	4.67	43	16621	4.395	ug/L 98
16) Methylene chloride	4.92	84	29744	5.359	ug/L 88
17) Methyl tert-butyl Ether	5.43	73	38211	4.652	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	26240	4.974	ug/L 96
19) 1,1-Dichloroethane	6.21	63	52004	4.827	ug/L 96
21) 2-Butanone	7.17	43	30796	10.719	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	27555	4.855	ug/L 96
23) Bromochloromethane	7.51	128	11757	4.870	ug/L 95
25) Chloroform	7.67	83	49967	5.055	ug/L 99
27) 1,2-Dichloroethane	8.40	62	37863	4.888	ug/L 99
30) Cyclohexane	7.95	56	52796	4.782	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	36126	4.975	ug/L 99
32) Carbon tetrachloride	8.07	117	33388	4.868	ug/L 98
34) Benzene	8.32	78	110388	5.031	ug/L 100
35) Trichloroethene	9.09	95	27791	4.995	ug/L 99
36) Methylcyclohexane	9.34	83	49327	4.830	ug/L 98
40) 1,2-Dichloropropane	9.37	63	30047	4.975	ug/L 99
41) Bromodichloromethane	9.65	83	32871	4.638	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	40998	4.413	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	52988	9.455	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.38	91	113090	4.929	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	33354	4.343	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	20206	4.882	ug/L	96
47) Tetrachloroethene	10.86	164	21866	5.182	ug/L	99
49) 2-Hexanone	10.97	43	38255	9.595	ug/L	100
50) Dibromochloromethane	11.13	129	20205	4.434	ug/L	96
51) 1,2-Dibromoethane	11.23	107	19153	4.785	ug/L	95
52) Chlorobenzene	11.66	112	69621	5.043	ug/L	97
53) Ethylbenzene	11.73	91	128375	4.967	ug/L	99
54) m,p-Xylene	11.83	106	45880	4.891	ug/L	94
55) o-xylene	12.16	106	43276	4.808	ug/L	94
56) Styrene	12.18	104	73822	4.756	ug/L	100
57) Isopropylbenzene	12.46	105	119634	4.899	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	26198	4.841	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	20287	4.828	ug/L	98
62) Bromoform	12.35	173	11172	4.311	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	51524	4.888	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	53131	5.018	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	48783	5.004	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4202	4.212	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	39719	4.951	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	32415	4.767	ug/L	98
69) Naphthalene	15.37	128	61257	4.222	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	29571	4.788	ug/L	99

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

