

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011566.D
 Acq On : 30 Jul 2019 09:30
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.505

Manual Integrations
 APPROVED

MMDadoda
 8/1/2019 5:46:10 PM

Quant Time: Jul 30 11:18:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 11:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362544	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168215	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	16264	2.95	ug/L	0.00
7) Chloroethane-d5	2.89	69	11113	2.76	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	34454	2.75	ug/L	0.00
20) 2-Butanone-d5	7.09	46	11393	4.84	ug/L	0.01
24) Chloroform-d	7.65	84	30562	2.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	18098	2.87	ug/L	0.00
29) Benzene-d6	8.27	84	61744	2.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	19680	2.80	ug/L	0.00
37) Toluene-d8	10.32	98	53717	2.76	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	8128	2.68	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6767	4.44	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	15226	2.71	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	17798	2.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9529	1.888	ug/L 91
3) Chloromethane	2.21	50	15999	2.613	ug/L 96
5) Vinyl chloride	2.35	62	19258	2.671	ug/L 98
6) Bromomethane	2.78	94	8836	2.538	ug/L 95
8) Chloroethane	2.92	64	9451	2.461	ug/L 99
9) Trichlorofluoromethane	3.25	101	8624	2.515	ug/L # 58
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	14522m	2.638	ug/L
12) 1,1-Dichloroethene	4.04	96	14014	2.551	ug/L 96
13) Acetone	4.13	43	12955	5.207	ug/L 99
14) Carbon disulfide	4.37	76	45086	2.531	ug/L 99
15) Methyl Acetate	4.67	43	8942	2.341	ug/L 97
16) Methylene chloride	4.92	84	17516	2.909	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	23085	2.658	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	14662	2.588	ug/L 95
19) 1,1-Dichloroethane	6.21	63	29272	2.601	ug/L 98
21) 2-Butanone	7.17	43	12885	4.030	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	14704	2.450	ug/L 90
23) Bromochloromethane	7.51	128	6524	2.601	ug/L 96
25) Chloroform	7.67	83	27248	2.628	ug/L 98
27) 1,2-Dichloroethane	8.40	62	19812	2.622	ug/L 98
30) Cyclohexane	7.96	56	28837	2.442	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	21309	2.640	ug/L 99
32) Carbon tetrachloride	8.07	117	19558	2.608	ug/L 98
34) Benzene	8.32	78	61073	2.595	ug/L 100
35) Trichloroethene	9.09	95	15504	2.592	ug/L 99
36) Methylcyclohexane	9.33	83	27357	2.515	ug/L 99
40) 1,2-Dichloropropane	9.37	63	16145	2.553	ug/L # 95
41) Bromodichloromethane	9.65	83	18785	2.541	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	22047	2.321	ug/L 96
43) 4-Methyl-2-pentanone	10.21	43	22832	4.218	ug/L 99

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44) Toluene	10.38	91	59624	2.470	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	17986	2.304	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	10713	2.531	ug/L	99
47) Tetrachloroethene	10.86	164	11538	2.514	ug/L	96
49) 2-Hexanone	10.97	43	17859	4.371	ug/L	99
50) Dibromochloromethane	11.13	129	11063	2.361	ug/L	96
51) 1,2-Dibromoethane	11.24	107	9967	2.435	ug/L	92
52) Chlorobenzene	11.66	112	37067	2.546	ug/L	99
53) Ethylbenzene	11.73	91	66303	2.441	ug/L	96
54) m,p-Xylene	11.84	106	23996	2.412	ug/L	100
55) o-xylene	12.16	106	21923	2.338	ug/L	98
56) Styrene	12.18	104	36250	2.298	ug/L	98
57) Isopropylbenzene	12.46	105	61260	2.398	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	13102	2.383	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	10276	2.446	ug/L	96
62) Bromoform	12.35	173	6499	2.441	ug/L #	94
63) 1,3-Dichlorobenzene	13.50	146	26804	2.516	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	27947	2.583	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	24644	2.514	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	2259	2.418	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	19165	2.359	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	13968	2.074	ug/L	98
69) Naphthalene	15.36	128	23121	1.687	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	13235	2.169	ug/L	99

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

