

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016439.D
 Acq On : 03 Sep 2020 11:11
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 3:36:32 PM

Quant Time: Sep 04 05:04:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 13:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	978341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	883921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	416913	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28228	2.67	ug/L	0.00
7) Chloroethane-d5	2.90	69	22933	2.75	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	63658	2.56	ug/L	0.00
20) 2-Butanone-d5	7.09	46	22104m	7.10	ug/L	0.00
24) Chloroform-d	7.65	84	57030	2.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	32599	2.50	ug/L	0.00
29) Benzene-d6	8.28	84	115789	2.36	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	33472	2.44	ug/L	0.00
37) Toluene-d8	10.33	98	111934	2.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	16322	2.46	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	13078	5.60	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28016	2.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	36259	2.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	26798	2.443 ug/L	92
3) Chloromethane	2.22	50	22548	2.539 ug/L	96
5) Vinyl chloride	2.37	62	29089	2.456 ug/L	99
6) Bromomethane	2.79	94	21905	2.764 ug/L	98
8) Chloroethane	2.93	64	17696	2.630 ug/L	88
9) Trichlorofluoromethane	3.27	101	22915	1.896 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	29984	2.244 ug/L	92
12) 1,1-Dichloroethene	4.04	96	30382	2.334 ug/L	86
13) Acetone	4.13	43	14664	6.087 ug/L	69
14) Carbon disulfide	4.39	76	91635	2.354 ug/L	99
15) Methyl Acetate	4.68	43	14730m	2.900 ug/L	
16) Methylene chloride	4.92	84	61046	3.411 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	46151	2.433 ug/L	# 90
18) trans-1,2-Dichloroethene	5.42	96	32558	2.380 ug/L	91
19) 1,1-Dichloroethane	6.22	63	54488	2.409 ug/L	93
21) 2-Butanone	7.17	43	22461	6.260 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	32816	2.286 ug/L	97
23) Bromochloromethane	7.51	128	14744	2.248 ug/L	94
25) Chloroform	7.68	83	58148	2.413 ug/L	98
27) 1,2-Dichloroethane	8.40	62	37957	2.483 ug/L	99
30) Cyclohexane	7.96	56	54477	2.759 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	48278	2.288 ug/L	99
32) Carbon tetrachloride	8.07	117	45361	2.251 ug/L	98
34) Benzene	8.33	78	121853	2.392 ug/L	100
35) Trichloroethene	9.10	95	34041	2.364 ug/L	98
36) Methylcyclohexane	9.34	83	59514	2.509 ug/L	97
40) 1,2-Dichloropropane	9.37	63	30429	2.516 ug/L	98
41) Bromodichloromethane	9.65	83	40586	2.390 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	49784	2.517 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	43355	5.811 ug/L	98

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44) Toluene	10.39	91	137141	2.462	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	44627	2.544	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	23469	2.381	ug/L	96
47) Tetrachloroethene	10.87	164	27272	2.402	ug/L	90
49) 2-Hexanone	10.97	43	30808	6.319	ug/L	98
50) Dibromochloromethane	11.13	129	28749	2.336	ug/L	98
51) 1,2-Dibromoethane	11.24	107	22919	2.365	ug/L #	92
52) Chlorobenzene	11.66	112	85778	2.326	ug/L	97
53) Ethylbenzene	11.73	91	152088	2.388	ug/L	100
54) m,p-Xylene	11.84	106	57065	2.340	ug/L	96
55) o-xylene	12.17	106	54120	2.353	ug/L	99
56) Styrene	12.18	104	94223	2.438	ug/L	97
57) Isopropylbenzene	12.47	105	153201	2.407	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	28599	2.487	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	21716	2.547	ug/L	97
62) Bromoform	12.35	173	16680	2.422	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	66281	2.370	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	63503	2.240	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	56701	2.266	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	5953	2.976	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	43888	2.273	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	36760	2.410	ug/L	95
69) Naphthalene	15.37	128	74276	2.444	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	31340	2.339	ug/L	100

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

