

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010922.D
 Acq On : 24 Jun 2019 08:55
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 3:19:32 PM

Quant Time: Jun 24 10:14:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 10:06:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413059	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370521	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178121	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26960	5.34	ug/L	0.00
7) Chloroethane-d5	2.89	69	19486	4.69	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	62479	5.36	ug/L	0.00
20) 2-Butanone-d5	7.07	46	26759	9.49	ug/L	0.00
24) Chloroform-d	7.65	84	55098	4.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	34803	4.64	ug/L	0.00
29) Benzene-d6	8.27	84	113195	5.10	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	36922	4.89	ug/L	0.00
37) Toluene-d8	10.32	98	100896	5.00	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	15786	5.06	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	17079	9.63	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	30846	4.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	34393	4.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	24385	4.518 ug/L	100
3) Chloromethane	2.21	50	27984	4.484 ug/L	99
5) Vinyl chloride	2.36	62	34498	5.435 ug/L	96
6) Bromomethane	2.77	94	17301	4.983 ug/L	97
8) Chloroethane	2.92	64	17908	4.921 ug/L	98
9) Trichlorofluoromethane	3.24	101	10508	5.545 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	27568m	5.383 ug/L	
12) 1,1-Dichloroethene	4.04	96	27232	5.353 ug/L	94
13) Acetone	4.12	43	28362	13.325 ug/L	97
14) Carbon disulfide	4.38	76	76601	5.306 ug/L	99
15) Methyl Acetate	4.67	43	21125	4.836 ug/L	100
16) Methylene chloride	4.92	84	30257	4.808 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	44246	5.000 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	28309	5.161 ug/L	97
19) 1,1-Dichloroethane	6.21	63	58102	5.195 ug/L	99
21) 2-Butanone	7.16	43	35239	10.843 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	30238	4.987 ug/L	98
23) Bromochloromethane	7.51	128	12874	4.886 ug/L	94
25) Chloroform	7.67	83	52578	4.984 ug/L	100
27) 1,2-Dichloroethane	8.40	62	42396	4.974 ug/L	98
30) Cyclohexane	7.95	56	59552	5.622 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	39766	5.744 ug/L	99
32) Carbon tetrachloride	8.07	117	36591	5.722 ug/L	100
34) Benzene	8.32	78	119588	5.257 ug/L	100
35) Trichloroethene	9.09	95	30631	5.437 ug/L	99
36) Methylcyclohexane	9.33	83	55688	5.646 ug/L	100
40) 1,2-Dichloropropane	9.37	63	32930	5.176 ug/L	99
41) Bromodichloromethane	9.64	83	37225	5.087 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	48503	5.193 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	62144	10.131 ug/L	99

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44) Toluene	10.39	91	125617	5.319	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	39325	5.020	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	22941	5.154	ug/L	97
47) Tetrachloroethene	10.86	164	23536	5.671	ug/L	90
49) 2-Hexanone	10.97	43	45586	10.558	ug/L	97
50) Dibromochloromethane	11.13	129	23692	5.000	ug/L	96
51) 1,2-Dibromoethane	11.24	107	21898	4.996	ug/L	99
52) Chlorobenzene	11.66	112	75372	5.176	ug/L	99
53) Ethylbenzene	11.73	91	139466	5.270	ug/L	99
54) m,p-Xylene	11.84	106	50205	5.214	ug/L	99
55) o-xylene	12.16	106	48628	5.138	ug/L	99
56) Styrene	12.18	104	82749	5.092	ug/L	99
57) Isopropylbenzene	12.46	105	132559	5.354	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	29943	5.072	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	23622	5.037	ug/L	100
62) Bromoform	12.35	173	12949	4.810	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	56623	5.135	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	58439	5.192	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	52339	5.023	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	5401	5.057	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	43717	5.237	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	35698	4.919	ug/L	100
69) Naphthalene	15.37	128	74852	4.592	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	32919	4.880	ug/L	100

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

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