

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
 Data File : VW009972.D
 Acq On : 15 Apr 2019 14:51
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:26:16 AM

Quant Time: Apr 15 16:16:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 16:09:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	614310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	594311	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277965	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	10262	1.28	ug/L	0.00
7) Chloroethane-d5	2.89	69	14225	1.93	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	38378	2.22	ug/L	0.00
20) 2-Butanone-d5	7.09	46	13838m	5.30	ug/L	0.00
24) Chloroform-d	7.65	84	46089	2.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	28015	2.72	ug/L	0.00
29) Benzene-d6	8.27	84	80543	2.58	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	26533	2.75	ug/L	0.00
37) Toluene-d8	10.32	98	69147	2.40	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	11199	2.44	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7761	4.27	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23697	2.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	27169	2.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	18260	2.257 ug/L	89
3) Chloromethane	2.21	50	19512	2.333 ug/L	93
5) Vinyl chloride	2.36	62	13685m	1.276 ug/L	
6) Bromomethane	2.78	94	13975	1.883 ug/L	92
8) Chloroethane	2.92	64	12874	1.829 ug/L	98
9) Trichlorofluoromethane	3.26	101	14706	2.235 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	20794m	2.429 ug/L	
12) 1,1-Dichloroethene	4.04	96	16612	2.036 ug/L	91
13) Acetone	4.12	43	17295	6.184 ug/L	98
14) Carbon disulfide	4.38	76	40075	1.580 ug/L	99
15) Methyl Acetate	4.67	43	13084	2.566 ug/L #	79
16) Methylene chloride	4.91	84	41220	3.805 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	24994m	2.224 ug/L	
18) trans-1,2-Dichloroethene	5.42	96	20956m	2.470 ug/L	
19) 1,1-Dichloroethane	6.21	63	43256	2.656 ug/L	97
21) 2-Butanone	7.17	43	15019	4.223 ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	21170	2.333 ug/L	94
23) Bromochloromethane	7.51	128	10327	2.480 ug/L	99
25) Chloroform	7.68	83	43868	2.572 ug/L	99
27) 1,2-Dichloroethane	8.40	62	32180	2.494 ug/L	98
30) Cyclohexane	7.95	56	27799	1.982 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	32433	2.406 ug/L	98
32) Carbon tetrachloride	8.07	117	30992	2.293 ug/L	97
34) Benzene	8.32	78	85658	2.396 ug/L	100
35) Trichloroethene	9.09	95	23217	2.481 ug/L	99
36) Methylcyclohexane	9.34	83	32148	2.090 ug/L	95
40) 1,2-Dichloropropane	9.37	63	23109	2.525 ug/L #	91
41) Bromodichloromethane	9.64	83	31297	2.478 ug/L	94
42) cis-1,3-Dichloropropene	10.07	75	31622	2.230 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	30912	4.348 ug/L	95

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44) Toluene	10.39	91	86076	2.272	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	27645	2.261	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	17904	2.606	ug/L	94
47) Tetrachloroethene	10.86	164	17842	2.421	ug/L	94
49) 2-Hexanone	10.97	43	20917	3.951	ug/L	94
50) Dibromochloromethane	11.13	129	20073	2.378	ug/L	97
51) 1,2-Dibromoethane	11.24	107	17287	2.510	ug/L #	95
52) Chlorobenzene	11.66	112	62280	2.554	ug/L	96
53) Ethylbenzene	11.73	91	95741	2.219	ug/L	96
54) m,p-Xylene	11.84	106	33127	2.076	ug/L	91
55) o-xylene	12.17	106	30550	2.010	ug/L	94
56) Styrene	12.18	104	52875	2.005	ug/L	98
57) Isopropylbenzene	12.46	105	81619	1.961	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.71	83	23101	2.501	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	16829	2.447	ug/L	98
62) Bromoform	12.35	173	11785	2.411	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	40186	2.337	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	46436	2.532	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	40932	2.488	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	3941	2.461	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	29836	2.339	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	22369	2.183	ug/L	96
69) Naphthalene	15.37	128	39385	1.913	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	21480	2.241	ug/L	99

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

