

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014825.D
 Acq On : 03 Feb 2020 09:43
 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
 2/4/2020 3:39:17 PM

Quant Time: Feb 03 11:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 11:38:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	851401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	779143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	349613	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23973	1.78	ug/L	0.00
7) Chloroethane-d5	2.89	69	36819	3.21	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	73925	3.03	ug/L	0.00
20) 2-Butanone-d5	7.08	46	22673m	5.92	ug/L	0.00
24) Chloroform-d	7.65	84	79779	3.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	43796	3.46	ug/L	0.00
29) Benzene-d6	8.27	84	157263	3.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	52240	3.43	ug/L	0.00
37) Toluene-d8	10.32	98	128704	2.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	17768	2.93	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	12608	4.41	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35258	2.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	41138	3.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	30138	2.879 ug/L	100
3) Chloromethane	2.21	50	41679	3.412 ug/L	91
5) Vinyl chloride	2.37	62	27289	1.588 ug/L	98
6) Bromomethane	2.78	94	25558	2.845 ug/L	99
8) Chloroethane	2.93	64	27518	2.956 ug/L	94
9) Trichlorofluoromethane	3.26	101	23993	2.908 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	37132	3.150 ug/L	98
12) 1,1-Dichloroethene	4.04	96	32695	2.813 ug/L	97
13) Acetone	4.12	43	39744	9.691 ug/L	97
14) Carbon disulfide	4.39	76	94491	2.484 ug/L	99
15) Methyl Acetate	4.67	43	18608	3.040 ug/L	97
16) Methylene chloride	4.92	84	51362	3.570 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	39130	2.547 ug/L #	84
18) trans-1,2-Dichloroethene	5.42	96	35627	2.967 ug/L	95
19) 1,1-Dichloroethane	6.21	63	73084	3.245 ug/L	95
21) 2-Butanone	7.17	43	29744	6.478 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	34397	2.736 ug/L	94
23) Bromochloromethane	7.51	128	15874	2.889 ug/L	90
25) Chloroform	7.67	83	66693	3.174 ug/L	99
27) 1,2-Dichloroethane	8.40	62	44125	3.178 ug/L	100
30) Cyclohexane	7.95	56	55878	2.626 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	51998	3.056 ug/L	98
32) Carbon tetrachloride	8.07	117	46678	2.928 ug/L	99
34) Benzene	8.32	78	151026	3.027 ug/L	100
35) Trichloroethene	9.09	95	37594	2.966 ug/L	98
36) Methylcyclohexane	9.33	83	58063	2.633 ug/L	97
40) 1,2-Dichloropropane	9.37	63	42037m	3.323 ug/L	
41) Bromodichloromethane	9.65	83	46159	3.053 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	49482	2.678 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	44493	5.349 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	142851	2.817	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	39965	2.665	ug/L	99
46) 1,1,2-Trichloroethane	10.78	97	24560	2.844	ug/L	96
47) Tetrachloroethene	10.86	164	28233	2.787	ug/L	94
49) 2-Hexanone	10.96	43	27258	4.558	ug/L	97
50) Dibromochloromethane	11.12	129	26060	2.645	ug/L	100
51) 1,2-Dibromoethane	11.23	107	22149	2.666	ug/L #	99
52) Chlorobenzene	11.65	112	92448	2.920	ug/L	96
53) Ethylbenzene	11.73	91	150012	2.707	ug/L	98
54) m,p-Xylene	11.83	106	54174	2.615	ug/L	100
55) o-xylene	12.16	106	49179	2.530	ug/L	99
56) Styrene	12.18	104	81869	2.484	ug/L	97
57) Isopropylbenzene	12.46	105	131602	2.500	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	30396	2.732	ug/L #	96
59) 1,2,3-Trichloropropane	12.77	75	23200	2.776	ug/L	92
62) Bromoform	12.35	173	13921	2.537	ug/L	97
63) 1,3-Dichlorobenzene	13.49	146	63820	2.827	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	66030	2.919	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	58006	2.825	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	4879	2.898	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	44193	2.643	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	32254	2.600	ug/L	99
69) Naphthalene	15.36	128	51248	2.284	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	29972	2.635	ug/L	98

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

