

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041420\
 Data File : VW015186.D
 Acq On : 14 Apr 2020 11:21
 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
 4/15/2020 1:49:14 PM

Quant Time: Apr 14 13:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 12:51:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1038596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	894919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	388939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	16503	1.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	20597	2.86	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	58737	2.26	ug/L	0.00
20) 2-Butanone-d5	7.08	46	15687	4.67	ug/L	0.00
24) Chloroform-d	7.64	84	58369	2.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	28971	2.39	ug/L	0.00
29) Benzene-d6	8.27	84	123331	2.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	36291	2.37	ug/L	0.00
37) Toluene-d8	10.32	98	115877	2.50	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	16333	2.34	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	12497	4.57	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26004	2.32	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	35223	2.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	24803	3.304	ug/L 89
3) Chloromethane	2.21	50	30328	3.254	ug/L 99
5) Vinyl chloride	2.36	62	20518	1.644	ug/L 98
6) Bromomethane	2.78	94	14776	2.289	ug/L 87
8) Chloroethane	2.92	64	17767	2.877	ug/L 94
9) Trichlorofluoromethane	3.26	101	23435	2.369	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	35653	2.494	ug/L 95
12) 1,1-Dichloroethene	4.03	96	32771	2.320	ug/L 90
13) Acetone	4.13	43	15522	7.289	ug/L 99
14) Carbon disulfide	4.38	76	97518	2.083	ug/L 97
15) Methyl Acetate	4.67	43	11959m	2.339	ug/L
16) Methylene chloride	4.91	84	41826	2.840	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	46656	2.463	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	34638	2.419	ug/L 94
19) 1,1-Dichloroethane	6.21	63	57145	2.317	ug/L 95
21) 2-Butanone	7.18	43	20361	5.864	ug/L 91
22) cis-1,2-Dichloroethene	7.17	96	35882	2.413	ug/L 96
23) Bromochloromethane	7.51	128	15051	2.464	ug/L 94
25) Chloroform	7.67	83	56424	2.353	ug/L 99
27) 1,2-Dichloroethane	8.40	62	34220	2.346	ug/L 96
30) Cyclohexane	7.95	56	57926	2.327	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	49114	2.423	ug/L 99
32) Carbon tetrachloride	8.06	117	44793	2.416	ug/L 97
34) Benzene	8.32	78	137846	2.477	ug/L 100
35) Trichloroethene	9.09	95	35388	2.407	ug/L 98
36) Methylcyclohexane	9.33	83	64533	2.417	ug/L 99
40) 1,2-Dichloropropane	9.37	63	32808	2.416	ug/L 99
41) Bromodichloromethane	9.65	83	39691	2.274	ug/L 96
42) cis-1,3-Dichloropropene	10.07	75	49589	2.264	ug/L 96
43) 4-Methyl-2-pentanone	10.21	43	38842	4.802	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041420\
 Data File : VW015186.D
 Acq On : 14 Apr 2020 11:21
 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
 4/15/2020 1:49:14 PM

Quant Time: Apr 14 13:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 12:51:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	142209	2.425	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	41986	2.227	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	23713	2.451	ug/L	97
47) Tetrachloroethene	10.86	164	27312	2.594	ug/L	97
49) 2-Hexanone	10.97	43	23611	4.430	ug/L	97
50) Dibromochloromethane	11.13	129	27258	2.408	ug/L	97
51) 1,2-Dibromoethane	11.23	107	21986	2.411	ug/L	92
52) Chlorobenzene	11.66	112	88022	2.443	ug/L	96
53) Ethylbenzene	11.73	91	158900	2.409	ug/L	99
54) m,p-Xylene	11.84	106	62073	2.454	ug/L	87
55) o-xylene	12.16	106	58082	2.402	ug/L	96
56) Styrene	12.18	104	96106	2.364	ug/L	98
57) Isopropylbenzene	12.46	105	157874	2.419	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	26060	2.312	ug/L	93
59) 1,2,3-Trichloropropane	12.77	75	19818	2.380	ug/L	93
62) Bromoform	12.35	173	15498	2.489	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	62739	2.440	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	61646	2.469	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	55450	2.429	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.48	75	4567	2.415	ug/L	82
67) 1,3,5-Trichlorobenzene	14.63	180	41948	2.370	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	33382	2.363	ug/L	97
69) Naphthalene	15.36	128	66516	2.350	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	28551	2.321	ug/L	99

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

