

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041420\
 Data File : VW015187.D
 Acq On : 14 Apr 2020 11:47
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:17 PM

Quant Time: Apr 14 13:11:00 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	979138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	848231	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	381237	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44879	4.85	ug/L	0.00
7) Chloroethane-d5	2.89	69	39626	5.84	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	116299	4.74	ug/L	0.00
20) 2-Butanone-d5	7.09	46	27741	8.76	ug/L	0.01
24) Chloroform-d	7.65	84	112893	4.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	54308	4.75	ug/L	0.00
29) Benzene-d6	8.27	84	241298	5.14	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	72134	4.97	ug/L	0.00
37) Toluene-d8	10.32	98	231927	5.27	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	30927	4.67	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	24084	9.29	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50293	4.74	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	69730	5.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	50611	7.150 ug/L	92
3) Chloromethane	2.21	50	55813	6.352 ug/L	96
5) Vinyl chloride	2.36	62	54700	4.650 ug/L	98
6) Bromomethane	2.78	94	32085	5.273 ug/L	97
8) Chloroethane	2.92	64	33415	5.740 ug/L	97
9) Trichlorofluoromethane	3.26	101	41457	4.446 ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	65061	4.827 ug/L #	57
12) 1,1-Dichloroethene	4.04	96	63831	4.794 ug/L	94
13) Acetone	4.13	43	20488	10.205 ug/L	97
14) Carbon disulfide	4.38	76	201927	4.575 ug/L	98
15) Methyl Acetate	4.68	43	22193m	4.604 ug/L	
16) Methylene chloride	4.92	84	72823	5.246 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	84482	4.731 ug/L #	80
18) trans-1,2-Dichloroethene	5.42	96	65562	4.857 ug/L	98
19) 1,1-Dichloroethane	6.21	63	111738	4.805 ug/L	95
21) 2-Butanone	7.18	43	31738	9.695 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	69155	4.932 ug/L	96
23) Bromochloromethane	7.51	128	28128	4.884 ug/L	89
25) Chloroform	7.67	83	108340	4.792 ug/L	99
27) 1,2-Dichloroethane	8.40	62	63150	4.592 ug/L #	94
30) Cyclohexane	7.95	56	116170	4.923 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	96115	5.003 ug/L	99
32) Carbon tetrachloride	8.07	117	86852	4.942 ug/L	98
34) Benzene	8.32	78	263394	4.993 ug/L	100
35) Trichloroethene	9.09	95	66713	4.788 ug/L	98
36) Methylcyclohexane	9.34	83	126241	4.989 ug/L	99
40) 1,2-Dichloropropane	9.37	63	62775	4.877 ug/L	100
41) Bromodichloromethane	9.64	83	76071	4.598 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	97460	4.694 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	68231	8.900 ug/L	98

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44) Toluene	10.38	91	275599	4.958	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	80396	4.499	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	43451	4.739	ug/L	92
47) Tetrachloroethene	10.86	164	51831	5.195	ug/L	95
49) 2-Hexanone	10.97	43	44882	8.884	ug/L	99
50) Dibromochloromethane	11.13	129	50268	4.685	ug/L	96
51) 1,2-Dibromoethane	11.23	107	39856	4.612	ug/L	94
52) Chlorobenzene	11.65	112	171842	5.033	ug/L	98
53) Ethylbenzene	11.73	91	307353	4.917	ug/L	98
54) m,p-Xylene	11.84	106	117331	4.894	ug/L	100
55) o-xylene	12.16	106	114006	4.975	ug/L	96
56) Styrene	12.18	104	188152	4.882	ug/L	99
57) Isopropylbenzene	12.46	105	302796	4.895	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	48156	4.508	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	36117	4.575	ug/L	99
62) Bromoform	12.35	173	27406	4.490	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	123760	4.911	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	121897	4.980	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	112891	5.045	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	7840	4.230	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	86917	5.010	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	69737	5.036	ug/L	98
69) Naphthalene	15.36	128	132031	4.759	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	60739	5.038	ug/L	98

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

