

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015359.D
 Acq On : 28 Apr 2020 13:35
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00502

Manual Integrations
 APPROVED

MMDadoda
 4/29/2020 1:44:07 PM

Quant Time: Apr 28 14:32:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 14:27:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	365790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334091	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	9894	2.46	ug/L	0.00
7) Chloroethane-d5	2.89	69	17697	4.83	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	34232	4.50	ug/L	0.00
20) 2-Butanone-d5	7.08	46	10010	11.50	ug/L	0.00
24) Chloroform-d	7.65	84	43518	6.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23220	5.42	ug/L	0.00
29) Benzene-d6	8.27	84	84641	5.68	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	23922	5.76	ug/L	0.00
37) Toluene-d8	10.32	98	86617	5.49	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	12742	5.85	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	9119	11.71	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	19957	5.69	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	32512	5.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	16774	3.261	ug/L 95
3) Chloromethane	2.21	50	13828	3.169	ug/L 97
5) Vinyl chloride	2.37	62	11302	2.212	ug/L 95
6) Bromomethane	2.78	94	16983	4.730	ug/L 99
8) Chloroethane	2.93	64	13663	4.193	ug/L 98
9) Trichlorofluoromethane	3.26	101	18628	2.399	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	22241m	4.645	ug/L
12) 1,1-Dichloroethene	4.04	96	20020	4.646	ug/L 91
13) Acetone	4.12	43	7866	10.118	ug/L 96
14) Carbon disulfide	4.37	76	50472	3.774	ug/L 99
15) Methyl Acetate	4.67	43	7558	5.053	ug/L 98
16) Methylene chloride	4.92	84	25113	5.294	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	32796	3.180	ug/L 97
18) trans-1,2-Dichloroethene	5.42	96	23496	4.877	ug/L 100
19) 1,1-Dichloroethane	6.21	63	36639	4.962	ug/L 98
21) 2-Butanone	7.17	43	11423	10.592	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	25195	4.990	ug/L 99
23) Bromochloromethane	7.51	128	11959	5.106	ug/L 97
25) Chloroform	7.67	83	41204	4.236	ug/L 99
27) 1,2-Dichloroethane	8.40	62	26666	5.071	ug/L 100
30) Cyclohexane	7.95	56	33124	4.977	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	36446	4.683	ug/L 99
32) Carbon tetrachloride	8.07	117	34372	4.944	ug/L 100
34) Benzene	8.32	78	88145	5.271	ug/L 100
35) Trichloroethene	9.09	95	25455	5.246	ug/L 100
36) Methylcyclohexane	9.33	83	44017	5.348	ug/L 100
40) 1,2-Dichloropropane	9.37	63	19963	5.247	ug/L 99
41) Bromodichloromethane	9.64	83	30843	5.232	ug/L # 98
42) cis-1,3-Dichloropropene	10.07	75	34842	5.120	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	29565	14.106	ug/L 100

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44) Toluene	10.38	91	105553	5.279	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	31172	5.193	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	18020	5.535	ug/L	97
47) Tetrachloroethene	10.86	164	24173	5.302	ug/L	96
49) 2-Hexanone	10.97	43	15647	10.170	ug/L	100
50) Dibromochloromethane	11.13	129	22987	5.297	ug/L	97
51) 1,2-Dibromoethane	11.23	107	17796	5.474	ug/L	96
52) Chlorobenzene	11.66	112	70215	5.220	ug/L	98
53) Ethylbenzene	11.73	91	118729	5.056	ug/L	100
54) m,p-Xylene	11.84	106	46714	4.962	ug/L	99
55) o-xylene	12.16	106	44227	4.957	ug/L	93
56) Styrene	12.18	104	73739	4.858	ug/L	99
57) Isopropylbenzene	12.46	105	122377	4.969	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	19942	5.577	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	14983	5.523	ug/L	98
62) Bromoform	12.35	173	14538	5.433	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	57575	5.147	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	57727	5.228	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	49602	4.956	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.48	75	3562	5.352	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	42027	5.035	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	35599	5.353	ug/L	98
69) Naphthalene	15.36	128	61024	5.437	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	31482	5.499	ug/L	99

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

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