

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015131.D
 Acq On : 25 Mar 2020 10:29
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

Quant Time: Mar 25 14:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:57:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	559137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509070	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	203572	15.58	ug/L	0.00
7) Chloroethane-d5	2.89	69	169112	17.59	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	425016	20.20	ug/L	0.00
20) 2-Butanone-d5	7.08	46	94189	41.48	ug/L	0.00
24) Chloroform-d	7.65	84	348240	19.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	199840	20.06	ug/L	0.00
29) Benzene-d6	8.27	84	680834	20.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	223722	19.87	ug/L	0.00
37) Toluene-d8	10.32	98	595789	21.25	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	86622	20.73	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	68051	45.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154884	21.03	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	161195	20.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	104256	22.194	ug/L 100
3) Chloromethane	2.21	50	178493	17.177	ug/L 100
5) Vinyl chloride	2.37	62	274385	20.267	ug/L 100
6) Bromomethane	2.78	94	147997	23.484	ug/L 100
8) Chloroethane	2.93	64	170084	22.582	ug/L 100
9) Trichlorofluoromethane	3.26	101	155759	24.669	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	215896	24.775	ug/L 100
12) 1,1-Dichloroethene	4.04	96	205940	24.905	ug/L 100
13) Acetone	4.12	43	94491	37.215	ug/L 100
14) Carbon disulfide	4.38	76	779877	24.986	ug/L 100
15) Methyl Acetate	4.67	43	114661	24.819	ug/L 100
16) Methylene chloride	4.92	84	228612	22.312	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	275047	26.977	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	214251	24.982	ug/L 100
19) 1,1-Dichloroethane	6.22	63	459180	24.125	ug/L 100
21) 2-Butanone	7.17	43	140321	45.059	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	214124	24.679	ug/L 100
23) Bromochloromethane	7.51	128	87418	25.616	ug/L 100
25) Chloroform	7.68	83	413874	23.908	ug/L 100
27) 1,2-Dichloroethane	8.40	62	301817	25.259	ug/L 100
30) Cyclohexane	7.96	56	436062	26.007	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	331152	25.292	ug/L 100
32) Carbon tetrachloride	8.07	117	288977	24.756	ug/L 100
34) Benzene	8.32	78	958521	25.598	ug/L 100
35) Trichloroethene	9.09	95	228962	25.083	ug/L 100
36) Methylcyclohexane	9.34	83	399921	25.709	ug/L 100
40) 1,2-Dichloropropane	9.37	63	259818	24.993	ug/L 100
41) Bromodichloromethane	9.64	83	293565	25.025	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	346334	25.585	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	309146	52.943	ug/L 100

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44) Toluene	10.39	91	967788	26.550	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	306588	27.511	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	153831	25.964	ug/L	100
47) Tetrachloroethene	10.86	164	145943	24.879	ug/L	100
49) 2-Hexanone	10.97	43	215564	51.697	ug/L	100
50) Dibromochloromethane	11.13	129	158763	25.347	ug/L	100
51) 1,2-Dibromoethane	11.24	107	136662	26.436	ug/L	100
52) Chlorobenzene	11.66	112	537763	25.018	ug/L	100
53) Ethylbenzene	11.73	91	1048816	26.273	ug/L	100
54) m,p-Xylene	11.84	106	372590	26.721	ug/L	100
55) o-xylene	12.16	106	350294	26.869	ug/L	100
56) Styrene	12.18	104	607916	27.297	ug/L	100
57) Isopropylbenzene	12.46	105	960153	27.026	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	195525	26.124	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	145766	25.399	ug/L	100
62) Bromoform	12.35	173	81583	25.709	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	363315	24.940	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	371834	24.712	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	336136	25.383	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	30796	26.096	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	231012	23.934	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	181775	25.501	ug/L	100
69) Naphthalene	15.36	128	376519	46.759	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	170541	26.574	ug/L	100

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

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