

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015871.D
 Acq On : 20 Jul 2020 12:10
 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: Jul 20 12:49:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 12:42:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	433275	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181822	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139620	19.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	119889	16.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	296027	27.71	ug/L	0.00
20) 2-Butanone-d5	7.09	46	69759	56.42	ug/L	0.00
24) Chloroform-d	7.65	84	291288	24.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	154356	24.18	ug/L	0.00
29) Benzene-d6	8.27	84	570182	25.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	168004	26.28	ug/L	0.00
37) Toluene-d8	10.32	98	520451	24.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	70667	25.69	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	53845	57.15	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126561	24.74	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	171066	24.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	93631	29.930	ug/L 100
3) Chloromethane	2.21	50	103066	22.031	ug/L 100
5) Vinyl chloride	2.37	62	175146	21.972	ug/L 100
6) Bromomethane	2.79	94	101685	14.992	ug/L 100
8) Chloroethane	2.93	64	104501	18.736	ug/L 100
9) Trichlorofluoromethane	3.26	101	119456	16.177	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	146674	28.915	ug/L 100
12) 1,1-Dichloroethene	4.04	96	142482	29.646	ug/L 100
13) Acetone	4.14	43	57871	59.476	ug/L 100
14) Carbon disulfide	4.38	76	449129	28.745	ug/L 100
15) Methyl Acetate	4.68	43	58850	30.136	ug/L 100
16) Methylene chloride	4.92	84	158909	26.671	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	198712	27.674	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	151899	26.778	ug/L 100
19) 1,1-Dichloroethane	6.22	63	280250	28.073	ug/L 100
21) 2-Butanone	7.18	43	77636	60.073	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	159348	26.690	ug/L 100
23) Bromochloromethane	7.52	128	69254	26.064	ug/L 100
25) Chloroform	7.68	83	277620	26.104	ug/L 100
27) 1,2-Dichloroethane	8.40	62	186116	26.670	ug/L 100
30) Cyclohexane	7.96	56	261865	30.908	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	239621	26.993	ug/L 100
32) Carbon tetrachloride	8.07	117	217722	26.432	ug/L 100
34) Benzene	8.32	78	620336	27.616	ug/L 100
35) Trichloroethene	9.09	95	163201	26.954	ug/L 100
36) Methylcyclohexane	9.34	83	287493	27.776	ug/L 100
40) 1,2-Dichloropropane	9.37	63	152683	28.407	ug/L 100
41) Bromodichloromethane	9.65	83	197131	27.209	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	233286	28.956	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	167334	63.302	ug/L 100

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44) Toluene	10.39	91	661112	26.629	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	203831	28.507	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	106109	25.892	ug/L	100
47) Tetrachloroethene	10.87	164	125573	25.899	ug/L	100
49) 2-Hexanone	10.97	43	117808	62.647	ug/L	100
50) Dibromochloromethane	11.13	129	126013	25.984	ug/L	100
51) 1,2-Dibromoethane	11.24	107	100145	25.903	ug/L	100
52) Chlorobenzene	11.66	112	418550	25.781	ug/L	100
53) Ethylbenzene	11.73	91	737995	26.348	ug/L	100
54) m,p-Xylene	11.84	106	282496	26.442	ug/L	100
55) o-xylene	12.17	106	264480	26.184	ug/L	100
56) Styrene	12.18	104	453510	26.559	ug/L	100
57) Isopropylbenzene	12.46	105	733858	26.407	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	123578	26.384	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	91485	26.565	ug/L	100
62) Bromoform	12.35	173	66759	26.602	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	304421	26.536	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	305979	26.304	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	282067	26.825	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	19441	28.814	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	216839	27.940	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	174070	28.602	ug/L	100
69) Naphthalene	15.37	128	315128	28.917	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	156391	28.621	ug/L	100

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

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