

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015873.D
 Acq On : 20 Jul 2020 12:58
 Operator : SY/VA
 Sample : VSTD10004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10004

Quant Time: Jul 20 13:26:36 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	445113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192090	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	556671	75.00	ug/L	0.00
7) Chloroethane-d5	2.89	69	481085	66.28	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1203784	109.67	ug/L	0.00
20) 2-Butanone-d5	7.08	46	360881	284.09	ug/L	0.00
24) Chloroform-d	7.65	84	1198033	98.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	653197	99.60	ug/L	0.00
29) Benzene-d6	8.27	84	2347498	102.93	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	716505	109.38	ug/L	0.00
37) Toluene-d8	10.33	98	2137706	99.08	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	323152	114.64	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	286834	297.11	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	576478	109.99	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	703480	97.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	405404	126.146	ug/L	96
3) Chloromethane	2.22	50	491938	102.360	ug/L	99
5) Vinyl chloride	2.37	62	672236	82.088	ug/L	100
6) Bromomethane	2.78	94	408541	58.632	ug/L	98
8) Chloroethane	2.93	64	409466	71.461	ug/L	97
9) Trichlorofluoromethane	3.26	101	481233	63.437	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	580037	111.304	ug/L	99
12) 1,1-Dichloroethene	4.04	96	580790	117.632	ug/L	96
13) Acetone	4.12	43	275557	275.668	ug/L	99
14) Carbon disulfide	4.38	76	1812998	112.950	ug/L	100
15) Methyl Acetate	4.67	43	283001	141.065	ug/L	99
16) Methylene chloride	4.92	84	593119	96.901	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	845444	114.611	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	623083	106.922	ug/L	97
19) 1,1-Dichloroethane	6.22	63	1121258	109.330	ug/L	99
21) 2-Butanone	7.18	43	384108	289.308	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	662130	107.953	ug/L	99
23) Bromochloromethane	7.52	128	290078	106.270	ug/L	97
25) Chloroform	7.68	83	1115141	102.064	ug/L	99
27) 1,2-Dichloroethane	8.40	62	748727	104.437	ug/L	99
30) Cyclohexane	7.96	56	1072109	123.496	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	937936	103.116	ug/L	99
32) Carbon tetrachloride	8.07	117	860372	101.940	ug/L	99
34) Benzene	8.33	78	2465548	107.119	ug/L	100
35) Trichloroethene	9.10	95	653923	105.404	ug/L	98
36) Methylcyclohexane	9.34	83	1163917	109.744	ug/L	99
40) 1,2-Dichloropropane	9.37	63	618814	112.360	ug/L	100
41) Bromodichloromethane	9.65	83	824582	111.076	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	1021150	123.697	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	814454	300.693	ug/L	99

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44) Toluene	10.39	91	2618046	102.914	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	886489	120.998	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	459609	109.453	ug/L	99
47) Tetrachloroethene	10.87	164	508761	102.406	ug/L	96
49) 2-Hexanone	10.97	43	567909	294.732	ug/L	98
50) Dibromochloromethane	11.13	129	547751	110.228	ug/L	100
51) 1,2-Dibromoethane	11.24	107	440687	111.244	ug/L	97
52) Chlorobenzene	11.66	112	1655824	99.540	ug/L	99
53) Ethylbenzene	11.73	91	2995385	104.369	ug/L	100
54) m,p-Xylene	11.84	106	1135502	103.727	ug/L	100
55) o-xylene	12.17	106	1095746	105.870	ug/L	94
56) Styrene	12.18	104	1881020	107.506	ug/L	100
57) Isopropylbenzene	12.47	105	2934679	103.058	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	547366	114.052	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	412180	116.806	ug/L	99
62) Bromoform	12.35	173	317849	119.885	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1223941	100.988	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	1253184	101.974	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	1135513	102.218	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	95245	133.618	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	895322	109.197	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	762147	118.538	ug/L	98
69) Naphthalene	15.37	128	1564052	135.848	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	664557	115.119	ug/L	97

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

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