

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015753.D
 Acq On : 29 Jun 2020 10:31
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Jun 29 11:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 09:52:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145807	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129785	43.07	ug/L	0.00
7) Chloroethane-d5	2.90	69	104355	34.83	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	232625	31.69	ug/L	0.00
20) 2-Butanone-d5	7.09	46	54040	54.93	ug/L	0.00
24) Chloroform-d	7.65	84	223117	29.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	122433	28.94	ug/L	0.00
29) Benzene-d6	8.27	84	440302	29.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	128221	28.60	ug/L	0.00
37) Toluene-d8	10.33	98	410026	28.59	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	57278	27.62	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	43141	55.59	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98354	29.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	140358	28.72	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	80071	27.566	ug/L	100
3) Chloromethane	2.21	50	74773	23.384	ug/L	99
5) Vinyl chloride	2.37	62	127538	26.523	ug/L	99
6) Bromomethane	2.79	94	80885	25.880	ug/L	99
8) Chloroethane	2.93	64	78898	26.954	ug/L	99
9) Trichlorofluoromethane	3.26	101	94832	27.712	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	102222	25.186	ug/L	99
12) 1,1-Dichloroethene	4.04	96	98160	25.038	ug/L	90
13) Acetone	4.13	43	45033	59.216	ug/L	98
14) Carbon disulfide	4.38	76	306350	23.423	ug/L	99
15) Methyl Acetate	4.68	43	42437	25.793	ug/L	99
16) Methylene chloride	4.92	84	107126	26.547	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	149353	24.006	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	104713	24.923	ug/L	97
19) 1,1-Dichloroethane	6.22	63	186584	24.690	ug/L	100
21) 2-Butanone	7.18	43	56855	48.667	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	109436	24.968	ug/L	97
23) Bromochloromethane	7.52	128	47870	25.328	ug/L	97
25) Chloroform	7.68	83	191450	25.160	ug/L	100
27) 1,2-Dichloroethane	8.40	62	129148	25.088	ug/L	100
30) Cyclohexane	7.96	56	178299	23.980	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	166809	24.789	ug/L	99
32) Carbon tetrachloride	8.07	117	151254	24.506	ug/L	99
34) Benzene	8.32	78	423624	25.184	ug/L	100
35) Trichloroethene	9.09	95	111781	24.739	ug/L	99
36) Methylcyclohexane	9.34	83	196900	24.433	ug/L	100
40) 1,2-Dichloropropane	9.37	63	102019	24.628	ug/L	99
41) Bromodichloromethane	9.65	83	135132	24.418	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	161169	24.313	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	119287	49.125	ug/L	99

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44) Toluene	10.39	91	468415	25.559	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	141388	24.509	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	73144	25.239	ug/L	99
47) Tetrachloroethene	10.87	164	90339	25.222	ug/L	97
49) 2-Hexanone	10.97	43	84974	51.844	ug/L	99
50) Dibromochloromethane	11.13	129	86834	24.662	ug/L	96
51) 1,2-Dibromoethane	11.24	107	70448	25.321	ug/L	99
52) Chlorobenzene	11.66	112	290928	25.308	ug/L	99
53) Ethylbenzene	11.73	91	534388	25.394	ug/L	100
54) m,p-Xylene	11.84	106	201280	25.490	ug/L	99
55) o-xylene	12.17	106	190260	25.383	ug/L	98
56) Styrene	12.18	104	325915	25.447	ug/L	99
57) Isopropylbenzene	12.47	105	531057	25.434	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	88460	26.365	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	65625	25.796	ug/L	100
62) Bromoform	12.35	173	47419	23.341	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	224458	25.157	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	222199	25.416	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	201091	25.936	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	13696	23.286	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	157370	25.476	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	126310	25.388	ug/L	99
69) Naphthalene	15.37	128	226806	25.107	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	110459	26.098	ug/L	99

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

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