

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041420\
 Data File : VW015188.D
 Acq On : 14 Apr 2020 12:13
 Operator : SY/VA
 Sample : VSTD02501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Apr 14 12:47:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 11:26:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	983047	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	865979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	383559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	236574	25.45	ug/L	0.00
7) Chloroethane-d5	2.89	69	177662	26.06	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	560305	22.76	ug/L	0.00
20) 2-Butanone-d5	7.07	46	131561	41.37	ug/L	0.00
24) Chloroform-d	7.65	84	542682	23.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	258671	22.53	ug/L	0.00
29) Benzene-d6	8.27	84	1141847	23.83	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	344535	23.26	ug/L	0.00
37) Toluene-d8	10.32	98	1071564	23.86	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	151270	22.38	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	118472	44.76	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	244374	22.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	331968	24.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	243729	34.297 ug/L	98
3) Chloromethane	2.21	50	293716	33.295 ug/L	97
5) Vinyl chloride	2.36	62	320262	27.115 ug/L	98
6) Bromomethane	2.78	94	170857	27.969 ug/L	97
8) Chloroethane	2.92	64	165416	28.300 ug/L	96
9) Trichlorofluoromethane	3.26	101	228175	24.373 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	343317	25.372 ug/L	97
12) 1,1-Dichloroethene	4.04	96	334327	25.010 ug/L	92
13) Acetone	4.12	43	81024	40.196 ug/L	89
14) Carbon disulfide	4.38	76	1064237	24.019 ug/L	99
15) Methyl Acetate	4.67	43	117653	24.313 ug/L	97
16) Methylene chloride	4.91	84	321168	23.043 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	427400	23.837 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	336880	24.856 ug/L	97
19) 1,1-Dichloroethane	6.21	63	575142	24.634 ug/L	98
21) 2-Butanone	7.17	43	150698	45.853 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	350473	24.896 ug/L	98
23) Bromochloromethane	7.51	128	145565	25.173 ug/L	97
25) Chloroform	7.68	83	555278	24.465 ug/L	98
27) 1,2-Dichloroethane	8.40	62	325620	23.582 ug/L	99
30) Cyclohexane	7.95	56	603847	25.067 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	488360	24.899 ug/L	99
32) Carbon tetrachloride	8.07	117	451377	25.158 ug/L	98
34) Benzene	8.32	78	1341410	24.907 ug/L	100
35) Trichloroethene	9.09	95	348394	24.491 ug/L	98
36) Methylcyclohexane	9.34	83	646967	25.042 ug/L	100
40) 1,2-Dichloropropane	9.37	63	324476	24.694 ug/L	100
41) Bromodichloromethane	9.64	83	407075	24.098 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	509401	24.034 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	356946	45.607 ug/L	99

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44) Toluene	10.38	91	1427482	25.155	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	422852	23.177	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	222946	23.819	ug/L	98
47) Tetrachloroethene	10.86	164	268169	26.325	ug/L	97
49) 2-Hexanone	10.96	43	237375	46.025	ug/L	99
50) Dibromochloromethane	11.13	129	267175	24.388	ug/L	98
51) 1,2-Dibromoethane	11.23	107	210005	23.802	ug/L	97
52) Chlorobenzene	11.66	112	871218	24.992	ug/L	97
53) Ethylbenzene	11.73	91	1606854	25.178	ug/L	100
54) m,p-Xylene	11.84	106	619352	25.304	ug/L	98
55) o-xylene	12.16	106	592794	25.340	ug/L	96
56) Styrene	12.18	104	983457	24.996	ug/L	97
57) Isopropylbenzene	12.46	105	1599382	25.324	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	256629	23.530	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	185966	23.075	ug/L	99
62) Bromoform	12.35	173	145113	23.630	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	648566	25.581	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	626635	25.446	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	569443	25.292	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	40657	21.805	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	452918	25.946	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	377814	27.119	ug/L	97
69) Naphthalene	15.36	128	733156	26.268	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	318197	26.233	ug/L	99

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

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