

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013302.D
 Acq On : 26 Sep 2019 12:01
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Quant Time: Sep 26 12:25:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 11:15:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	507758	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	454321	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	602971	118.10	ug/L	0.00
7) Chloroethane-d5	2.88	69	489160	116.45	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1204955	98.67	ug/L	0.00
20) 2-Butanone-d5	7.07	46	448729	235.00	ug/L	0.00
24) Chloroform-d	7.65	84	1186416	92.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	639755	93.27	ug/L	0.00
29) Benzene-d6	8.27	84	2531622	109.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	766583	100.17	ug/L	0.00
37) Toluene-d8	10.32	98	2409267	109.15	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	365744	108.47	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	367303	254.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	663196	114.82	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	851539	99.05	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	400884	102.274	ug/L	97
3) Chloromethane	2.21	50	440875	82.438	ug/L	96
5) Vinyl chloride	2.36	62	597423	86.506	ug/L	99
6) Bromomethane	2.78	94	367060	88.987	ug/L	97
8) Chloroethane	2.92	64	363265	87.235	ug/L	99
9) Trichlorofluoromethane	3.25	101	408656	98.704	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	588141	97.006	ug/L	100
12) 1,1-Dichloroethene	4.04	96	590680	97.553	ug/L	99
13) Acetone	4.13	43	336450	204.460	ug/L	98
14) Carbon disulfide	4.38	76	1723864	95.228	ug/L	100
15) Methyl Acetate	4.67	43	352471	114.688	ug/L	100
16) Methylene chloride	4.92	84	620625	89.525	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	1029871	97.761	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	632162	97.344	ug/L	97
19) 1,1-Dichloroethane	6.21	63	1109017	90.131	ug/L	99
21) 2-Butanone	7.17	43	493502	227.642	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	692944	100.589	ug/L	100
23) Bromochloromethane	7.51	128	315802	105.812	ug/L	92
25) Chloroform	7.67	83	1079892	87.156	ug/L	100
27) 1,2-Dichloroethane	8.40	62	722105	86.239	ug/L	99
30) Cyclohexane	7.95	56	1121018	92.577	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	869182	83.932	ug/L	99
32) Carbon tetrachloride	8.07	117	843712	87.255	ug/L	99
34) Benzene	8.32	78	2509260	91.846	ug/L	100
35) Trichloroethene	9.09	95	665397	92.286	ug/L	98
36) Methylcyclohexane	9.34	83	1197619	96.054	ug/L	100
40) 1,2-Dichloropropane	9.37	63	635286	92.444	ug/L	99
41) Bromodichloromethane	9.64	83	813875	92.966	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	1079368	99.969	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	1015017	232.177	ug/L	99

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44) Toluene	10.38	91	2758216	94.352	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	882635	100.854	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	502608	108.759	ug/L	99
47) Tetrachloroethene	10.86	164	595347	95.892	ug/L	98
49) 2-Hexanone	10.97	43	740950	229.289	ug/L	99
50) Dibromochloromethane	11.13	129	613325	108.973	ug/L	95
51) 1,2-Dibromoethane	11.23	107	501571	112.833	ug/L	99
52) Chlorobenzene	11.66	112	1754725	96.071	ug/L	98
53) Ethylbenzene	11.73	91	3092850	93.221	ug/L	97
54) m,p-Xylene	11.84	106	1187994	95.772	ug/L	97
55) o-xylene	12.16	106	1140624	97.745	ug/L	99
56) Styrene	12.18	104	1976447	99.537	ug/L	99
57) Isopropylbenzene	12.46	105	3053774	95.296	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	629844	119.828	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	460711	113.744	ug/L	99
62) Bromoform	12.35	173	399056	123.711	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1411279	98.707	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	1401568	98.263	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1284284	100.165	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	105829	119.099	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	1097593	99.799	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	952263	109.224	ug/L	100
69) Naphthalene	15.36	128	1954795	138.442	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	857064	111.415	ug/L	98

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

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