

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012931.D
 Acq On : 12 Sep 2019 12:41
 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 12 13:05:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 12 12:18:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403847	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	175398	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	386014	67.88	ug/L	0.00
7) Chloroethane-d5	2.88	69	323771	79.05	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	951074	72.95	ug/L	0.00
20) 2-Butanone-d5	7.07	46	297359	116.13	ug/L	0.00
24) Chloroform-d	7.65	84	947963	85.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	495832	75.54	ug/L	0.00
29) Benzene-d6	8.27	84	1716854	77.42	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	569687	79.58	ug/L	0.00
37) Toluene-d8	10.32	98	1653847	84.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	257860	82.19	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	226344	135.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	422899	71.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	617762	91.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	388280	85.788 ug/L	95
3) Chloromethane	2.21	50	457756	77.754 ug/L	98
5) Vinyl chloride	2.36	62	566884	75.471 ug/L	99
6) Bromomethane	2.77	94	333035	94.048 ug/L	99
8) Chloroethane	2.92	64	341146	86.841 ug/L	99
9) Trichlorofluoromethane	3.26	101	396003	103.495 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	481824	83.060 ug/L	99
12) 1,1-Dichloroethene	4.04	96	492917	84.982 ug/L	92
13) Acetone	4.12	43	261935	95.515 ug/L	97
14) Carbon disulfide	4.38	76	1528946	80.934 ug/L	99
15) Methyl Acetate	4.67	43	243038	54.204 ug/L	100
16) Methylene chloride	4.92	84	493371	78.285 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	810119	83.871 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	525739	87.730 ug/L	98
19) 1,1-Dichloroethane	6.21	63	978350	81.724 ug/L	100
21) 2-Butanone	7.17	43	349916	101.770 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	556327	88.735 ug/L	98
23) Bromochloromethane	7.51	128	232041	86.986 ug/L	98
25) Chloroform	7.67	83	953600	86.423 ug/L	99
27) 1,2-Dichloroethane	8.40	62	649042	79.458 ug/L	99
30) Cyclohexane	7.95	56	986955	80.516 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	799809	93.083 ug/L	99
32) Carbon tetrachloride	8.07	117	776935	96.114 ug/L	99
34) Benzene	8.32	78	2110254	85.395 ug/L	100
35) Trichloroethene	9.09	95	565958	90.214 ug/L	99
36) Methylcyclohexane	9.34	83	997514	87.648 ug/L	98
40) 1,2-Dichloropropane	9.37	63	528765	80.161 ug/L	99
41) Bromodichloromethane	9.64	83	696135	89.433 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	890426	90.248 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	715718	119.754 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2281168	90.860	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	716532	87.287	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	356869	79.352	ug/L	99
47) Tetrachloroethene	10.86	164	475481	99.227	ug/L	97
49) 2-Hexanone	10.97	43	509920	110.742	ug/L	100
50) Dibromochloromethane	11.13	129	461969	93.195	ug/L	98
51) 1,2-Dibromoethane	11.23	107	350062	79.992	ug/L	96
52) Chlorobenzene	11.66	112	1403430	92.653	ug/L	98
53) Ethylbenzene	11.73	91	2597779	92.783	ug/L	99
54) m,p-Xylene	11.84	106	964358	94.722	ug/L	98
55) o-xylene	12.16	106	906742	94.635	ug/L	100
56) Styrene	12.18	104	1555327	95.480	ug/L	100
57) Isopropylbenzene	12.46	105	2505324	95.045	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	405663	67.877	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	310103	67.275	ug/L	99
62) Bromoform	12.35	173	262860	83.766	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1105456	92.860	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1076887	90.080	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	964975	89.517	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	70516	63.204	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	847810	96.759	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	714034	101.186	ug/L	97
69) Naphthalene	15.36	128	1244671	87.588	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	619132	94.732	ug/L	100

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

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