

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014214.D
 Acq On : 05 Dec 2019 14:07
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Manual Integrations
 APPROVED

apatel
 12/6/2019 2:55:33 PM

Quant Time: Dec 05 14:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1271524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1183789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	584746	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1980911	97.65	ug/L	0.00
7) Chloroethane-d5	2.88	69	1563780	95.08	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	3629334	87.17	ug/L	0.00
20) 2-Butanone-d5	7.07	46	1275739	216.46	ug/L	0.00
24) Chloroform-d	7.64	84	3569367	91.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	1870973	95.19	ug/L	0.00
29) Benzene-d6	8.27	84	7575485	90.19	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	2384176	96.90	ug/L	0.00
37) Toluene-d8	10.32	98	7023989	88.19	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	1075448	102.06	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	1116514	239.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1990242	107.12	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	2520576	107.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	1225306	81.029	ug/L 100
3) Chloromethane	2.21	50	1313061	97.758	ug/L 99
5) Vinyl chloride	2.37	62	1727927	82.392	ug/L 94
6) Bromomethane	2.78	94	1069394	82.359	ug/L 100
8) Chloroethane	2.92	64	1037264	83.148	ug/L 98
9) Trichlorofluoromethane	3.25	101	897551	62.762	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1625026	76.956	ug/L 95
12) 1,1-Dichloroethene	4.04	96	1726584m	80.437	ug/L
13) Acetone	4.11	43	1270147	211.790	ug/L 99
14) Carbon disulfide	4.39	76	5226190	85.545	ug/L 100
15) Methyl Acetate	4.66	43	975268	100.509	ug/L 99
16) Methylene chloride	4.92	84	1828748	74.707	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	2300706	83.083	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	1837234	82.079	ug/L 94
19) 1,1-Dichloroethane	6.21	63	3260262	86.472	ug/L 100
21) 2-Butanone	7.17	43	1615268	209.643	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	2030605	86.208	ug/L 99
23) Bromochloromethane	7.51	128	892838	86.351	ug/L 85
25) Chloroform	7.67	83	3149173	85.054	ug/L 100
27) 1,2-Dichloroethane	8.40	62	2050020	91.452	ug/L 98
30) Cyclohexane	7.95	56	3078240	81.255	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	2312905	77.963	ug/L 98
32) Carbon tetrachloride	8.06	117	2223575	78.079	ug/L 100
34) Benzene	8.32	78	7256703	83.573	ug/L 100
35) Trichloroethene	9.09	95	1897286	81.913	ug/L 97
36) Methylcyclohexane	9.34	83	3255608	78.392	ug/L 99
40) 1,2-Dichloropropane	9.37	63	1869258	89.427	ug/L 99
41) Bromodichloromethane	9.64	83	2361651	93.457	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	3109992	94.281	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	2772382	200.883	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014214.D
 Acq On : 05 Dec 2019 14:07
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Manual Integrations
 APPROVED

apatel
 12/6/2019 2:55:33 PM

Quant Time: Dec 05 14:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	7726983	81.620	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	2505602	96.055	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	1441535	93.859	ug/L	97
47) Tetrachloroethene	10.86	164	1569726	76.033	ug/L	98
49) 2-Hexanone	10.96	43	2199297	221.038	ug/L	97
50) Dibromochloromethane	11.13	129	1710638	94.760	ug/L	98
51) 1,2-Dibromoethane	11.23	107	1420303	95.313	ug/L	99
52) Chlorobenzene	11.65	112	4991617	84.105	ug/L	95
53) Ethylbenzene	11.73	91	8518387	81.998	ug/L	99
54) m,p-Xylene	11.84	106	3368047	83.424	ug/L	98
55) o-xylene	12.16	106	3269076	86.470	ug/L	98
56) Styrene	12.18	104	5569852	87.212	ug/L	98
57) Isopropylbenzene	12.46	105	8287041	79.724	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	1802693	100.535	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	1348367	99.985	ug/L	99
62) Bromoform	12.35	173	1048664	109.432	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	3924362	95.580	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	3879731	95.639	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	3593695	98.842	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	291743	117.824	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	2831301	90.484	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	2396229	97.393	ug/L	99
69) Naphthalene	15.36	128	5042380	115.359	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	2146662	98.863	ug/L	98

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

