

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122719\
 Data File : VW014476.D
 Acq On : 27 Dec 2019 19:01
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:01:57 AM

Quant Time: Dec 27 20:38:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M

Quant Title : VOC Analysis

QLast Update : Fri Dec 27 20:30:18 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1212257	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1086103	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	513072	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87918	4.79	ug/L	0.00
7) Chloroethane-d5	2.88	69	60500	4.43	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	152536	4.70	ug/L	0.00
20) 2-Butanone-d5	7.08	46	34052	7.12	ug/L	0.00
24) Chloroform-d	7.64	84	128759	4.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	65529	4.05	ug/L	0.00
29) Benzene-d6	8.27	84	265725	4.17	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	76809	3.92	ug/L	0.00
37) Toluene-d8	10.32	98	230681	4.01	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	30536	3.72	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	23257	5.97	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	55562	3.48	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	73423	3.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	52884	4.587	ug/L 95
3) Chloromethane	2.21	50	66572	5.743	ug/L 99
5) Vinyl chloride	2.35	62	91875	5.353	ug/L 98
6) Bromomethane	2.77	94	53030	5.009	ug/L 97
8) Chloroethane	2.92	64	49088	5.007	ug/L 99
9) Trichlorofluoromethane	3.25	101	43199	5.085	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	80202	5.016	ug/L 98
12) 1,1-Dichloroethene	4.04	96	77453	4.785	ug/L 92
13) Acetone	4.12	43	62438	13.538	ug/L 99
14) Carbon disulfide	4.38	76	241018	4.854	ug/L 98
15) Methyl Acetate	4.67	43	38781m	4.445	ug/L
16) Methylene chloride	4.91	84	108724	5.851	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	97185	4.552	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	81355	4.693	ug/L 99
19) 1,1-Dichloroethane	6.21	63	149265	4.792	ug/L 99
21) 2-Butanone	7.17	43	60748	9.811	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	84214	4.565	ug/L 98
23) Bromochloromethane	7.51	128	37676	4.440	ug/L 90
25) Chloroform	7.67	83	144922	4.788	ug/L 99
27) 1,2-Dichloroethane	8.40	62	92518	4.668	ug/L 96
30) Cyclohexane	7.95	56	133070	4.909	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	114983	5.271	ug/L 99
32) Carbon tetrachloride	8.07	117	105995	5.121	ug/L 100
34) Benzene	8.32	78	336821	4.898	ug/L 100
35) Trichloroethene	9.09	95	85207	4.843	ug/L 99
36) Methylcyclohexane	9.33	83	145209	4.911	ug/L 98
40) 1,2-Dichloropropane	9.37	63	85027	4.813	ug/L 98
41) Bromodichloromethane	9.64	83	99012	4.612	ug/L 95
42) cis-1,3-Dichloropropene	10.07	75	117833	4.454	ug/L 97
43) 4-Methyl-2-pentanone	10.21	43	102730	8.818	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014476.D
 Acq On : 27 Dec 2019 19:01
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:01:57 AM

Quant Time: Dec 27 20:38:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 20:30:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.38	91	346060	4.800	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	94739	4.424	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	59177	4.470	ug/L	97
47) Tetrachloroethene	10.86	164	71708	4.890	ug/L	94
49) 2-Hexanone	10.97	43	66614	8.031	ug/L	96
50) Dibromochloromethane	11.13	129	64862	4.365	ug/L	90
51) 1,2-Dibromoethane	11.23	107	55631	4.436	ug/L	98
52) Chlorobenzene	11.65	112	220420	4.730	ug/L	98
53) Ethylbenzene	11.73	91	372292	4.759	ug/L	98
54) m,p-Xylene	11.83	106	140419	4.666	ug/L	99
55) o-xylene	12.16	106	129665	4.543	ug/L	100
56) Styrene	12.18	104	221766	4.541	ug/L	99
57) Isopropylbenzene	12.46	105	347327	4.687	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	70712	4.303	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	52762	4.321	ug/L	99
62) Bromoform	12.35	173	37460	4.302	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	162587	4.715	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	167891	4.792	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	145424	4.535	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	10803	4.367	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	118614	4.781	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	80109	4.142	ug/L	99
69) Naphthalene	15.36	128	121593	3.343	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	76395	4.212	ug/L	97

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

