

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120219\
 Data File : VW014193.D
 Acq On : 02 Dec 2019 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Dec 02 15:57:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 15:13:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324567	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98748	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.28%
7) Chloroethane-d5	2.89	69	92983	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.02	63	240857	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.64%
20) 2-Butanone-d5	7.07	46	69994	46.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.06%
24) Chloroform-d	7.64	84	250289	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	8.31	65	124831	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.27	84	502074	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.27	67	153158	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.32	98	461021	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.57	79	62651	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.32%
39) 2-Hexanone-d5	10.92	63	56444	46.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119658	25.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	168007	22.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	86251	22.345	ug/L	98
3) Chloromethane	2.21	50	80353	23.436	ug/L	98
5) Vinyl chloride	2.36	62	144812	27.051	ug/L	94
6) Bromomethane	2.78	94	88264	26.630	ug/L	98
8) Chloroethane	2.92	64	88161	27.686	ug/L	98
9) Trichlorofluoromethane	3.26	101	105413	28.877	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	152082	28.215	ug/L	100
12) 1,1-Dichloroethene	4.04	96	146975	26.825	ug/L	95
13) Acetone	4.12	43	74982	48.981	ug/L	96
14) Carbon disulfide	4.38	76	396281	25.412	ug/L	100
15) Methyl Acetate	4.67	43	61781	24.943	ug/L	99
16) Methylene chloride	4.91	84	146399	23.430	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	182236	25.781	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	154518	27.044	ug/L	98
19) 1,1-Dichloroethane	6.21	63	273934	28.464	ug/L	99
21) 2-Butanone	7.17	43	91094	46.318	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	165449	27.517	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	71551	27.110	ug/L	92
25) Chloroform	7.67	83	270547	28.626	ug/L	99
27) 1,2-Dichloroethane	8.40	62	165205	28.872	ug/L	99
30) Cyclohexane	7.95	56	256122	26.241	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	220297	28.822	ug/L	99
32) Carbon tetrachloride	8.07	117	209227	28.516	ug/L	100
34) Benzene	8.32	78	627185	28.036	ug/L	100
35) Trichloroethene	9.09	95	163059	27.324	ug/L	99
36) Methylcyclohexane	9.33	83	285766	26.708	ug/L	99
40) 1,2-Dichloropropane	9.37	63	153511	28.506	ug/L	99
41) Bromodichloromethane	9.64	83	192139	29.512	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	237331	27.926	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	173546	48.808	ug/L	98
44) Toluene	10.38	91	673836	27.627	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	185297	27.572	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	110314	27.879	ug/L	99
47) Tetrachloroethene	10.86	164	147642	27.757	ug/L	99
49) 2-Hexanone	10.96	43	125618	49.003	ug/L	99
50) Dibromochloromethane	11.12	129	133683	28.743	ug/L	95
51) 1,2-Dibromoethane	11.23	107	101970	26.560	ug/L	96
52) Chlorobenzene	11.65	112	422575	27.636	ug/L	96
53) Ethylbenzene	11.73	91	754710	28.198	ug/L	100
54) m,p-Xylene	11.83	106	290087	27.889	ug/L	99
55) o-xylene	12.16	106	276147	28.351	ug/L	97
56) Styrene	12.18	104	466088	28.326	ug/L	97
57) Isopropylbenzene	12.46	105	755169	28.198	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	126187	27.315	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	89841	25.858	ug/L	98
62) Bromoform	12.35	173	79581	26.189	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	342435	26.301	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	339125	26.363	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	308752	26.780	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	17944	22.854	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	265437	26.752	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	204829	26.254	ug/L	99
69) Naphthalene	15.36	128	328851	23.726	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	174766	25.382	ug/L	96

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

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