

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014850.D
 Acq On : 03 Feb 2020 23:31
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Feb 04 06:58:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 06:54:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1040832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	917555	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	427929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	403714	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
7) Chloroethane-d5	2.89	69	307208	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
10) 1,1-Dichloroethene-d2	4.03	63	766886	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.56%
20) 2-Butanone-d5	7.07	46	271083	44.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.48%
24) Chloroform-d	7.65	84	693415	20.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	8.31	65	378603	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.32%
29) Benzene-d6	8.27	84	1454914	22.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.96%
33) 1,2-Dichloropropane-d6	9.27	67	464447	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	10.32	98	1333045	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	10.57	79	189302	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.24%
39) 2-Hexanone-d5	10.92	63	214042	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	368114	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	426346	23.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	267882	20.437	ug/L 95
3) Chloromethane	2.21	50	354211	19.714	ug/L 100
5) Vinyl chloride	2.37	62	454336	25.155	ug/L 100
6) Bromomethane	2.78	94	227975	21.569	ug/L 99
8) Chloroethane	2.93	64	246144	20.990	ug/L 100
9) Trichlorofluoromethane	3.25	101	176761	16.810	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	374729	23.251	ug/L 97
12) 1,1-Dichloroethene	4.04	96	365180	24.025	ug/L 98
13) Acetone	4.12	43	182591	27.556	ug/L 96
14) Carbon disulfide	4.39	76	1073730	23.273	ug/L 98
15) Methyl Acetate	4.67	43	222763	22.463	ug/L 98
16) Methylene chloride	4.92	84	387893	20.183	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	487853	25.290	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	363682	23.315	ug/L 97
19) 1,1-Dichloroethane	6.21	63	711837	22.474	ug/L 98
21) 2-Butanone	7.17	43	295810	41.601	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	391113	24.258	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	161404	23.410	ug/L	88
25) Chloroform	7.68	83	653207	22.589	ug/L	100
27) 1,2-Dichloroethane	8.40	62	437753	21.668	ug/L	98
30) Cyclohexane	7.95	56	723212	26.079	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	507834	23.584	ug/L	98
32) Carbon tetrachloride	8.07	117	458695	23.450	ug/L	100
34) Benzene	8.32	78	1528199	23.785	ug/L	100
35) Trichloroethene	9.09	95	382895	24.131	ug/L	98
36) Methylcyclohexane	9.33	83	714171	25.698	ug/L	95
40) 1,2-Dichloropropane	9.37	63	401709	23.182	ug/L	100
41) Bromodichloromethane	9.64	83	465910	23.464	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	594829	24.661	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	625926	49.194	ug/L	97
44) Toluene	10.38	91	1592578	24.775	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	478965	24.131	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	281372	24.538	ug/L	98
47) Tetrachloroethene	10.86	164	288996	24.414	ug/L	96
49) 2-Hexanone	10.96	43	429899	48.968	ug/L	97
50) Dibromochloromethane	11.13	129	303553	24.624	ug/L	98
51) 1,2-Dibromoethane	11.23	107	266394	24.708	ug/L #	98
52) Chlorobenzene	11.65	112	958420	24.440	ug/L	100
53) Ethylbenzene	11.73	91	1725030	24.767	ug/L	99
54) m,p-Xylene	11.84	106	647432	25.401	ug/L	96
55) o-xylene	12.16	106	620922	26.149	ug/L	97
56) Styrene	12.18	104	1067103	26.391	ug/L	98
57) Isopropylbenzene	12.46	105	1698595	26.453	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	363439	24.145	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	272569	23.653	ug/L	99
62) Bromoform	12.35	173	173060	24.466	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	715985	24.946	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	703978	24.333	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	662826	25.366	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	66752	26.172	ug/L	85
67) 1,3,5-Trichlorobenzene	14.63	180	530207	26.071	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	452944	28.508	ug/L	97
69) Naphthalene	15.36	128	1581200	49.051	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	418125	28.477	ug/L	100

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

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