

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017084.D
 Acq On : 04 Nov 2020 20:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Nov 05 06:32:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	488406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	459239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232654	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	170119	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.60%
7) Chloroethane-d5	2.89	69	130730	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
10) 1,1-Dichloroethene-d2	4.02	63	289868	26.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.36%
20) 2-Butanone-d5	7.08	46	78548	57.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.20%
24) Chloroform-d	7.65	84	320086	28.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.28%
26) 1,2-Dichloroethane-d4	8.31	65	160865	28.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.52%
29) Benzene-d6	8.27	84	635056	27.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.60%
33) 1,2-Dichloropropane-d6	9.27	67	175835	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.72%
37) Toluene-d8	10.32	98	607653	27.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.24%
38) trans-1,3-Dichloropropene-	10.58	79	79244	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.68%
39) 2-Hexanone-d5	10.93	63	65157	57.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159722	28.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	232385	28.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	117349	23.948	ug/L 99
3) Chloromethane	2.21	50	104263	23.444	ug/L 100
5) Vinyl chloride	2.37	62	164118	25.161	ug/L 99
6) Bromomethane	2.78	94	114466	25.375	ug/L 98
8) Chloroethane	2.92	64	99827	25.365	ug/L 99
9) Trichlorofluoromethane	3.26	101	124695	23.505	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	163212	25.890	ug/L 100
12) 1,1-Dichloroethene	4.04	96	153283	25.287	ug/L 97
13) Acetone	4.12	43	50421	54.738	ug/L 99
14) Carbon disulfide	4.39	76	408094	24.738	ug/L 100
15) Methyl Acetate	4.67	43	62613	27.425	ug/L 97
16) Methylene chloride	4.92	84	162597	24.693	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	197987	26.748	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	160203	25.531	ug/L 99
19) 1,1-Dichloroethane	6.22	63	261772	26.331	ug/L 99
21) 2-Butanone	7.17	43	79802	53.955	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	173390	26.135	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	86008	26.925	ug/L	95
25) Chloroform	7.68	83	290966	26.883	ug/L	100
27) 1,2-Dichloroethane	8.40	62	177012	27.291	ug/L	98
30) Cyclohexane	7.96	56	214174	24.769	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	240182	25.539	ug/L	99
32) Carbon tetrachloride	8.07	117	229694	25.311	ug/L	99
34) Benzene	8.32	78	621179	25.760	ug/L	100
35) Trichloroethene	9.09	95	166932	24.712	ug/L	99
36) Methylcyclohexane	9.34	83	269807	24.822	ug/L	99
40) 1,2-Dichloropropane	9.37	63	146419	25.974	ug/L	99
41) Bromodichloromethane	9.65	83	207818	26.656	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	237849	26.639	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	181053	52.059	ug/L	100
44) Toluene	10.39	91	687788	25.912	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	206780	26.967	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	129461	26.637	ug/L	98
47) Tetrachloroethene	10.87	164	150892	24.758	ug/L	95
49) 2-Hexanone	10.97	43	119908	57.189	ug/L	97
50) Dibromochloromethane	11.13	129	156765	26.475	ug/L	98
51) 1,2-Dibromoethane	11.24	107	126994	26.896	ug/L	100
52) Chlorobenzene	11.66	112	458258	25.526	ug/L	99
53) Ethylbenzene	11.73	91	769564	25.957	ug/L	97
54) m,p-Xylene	11.84	106	303910	26.205	ug/L	95
55) o-xylene	12.16	106	288696	26.226	ug/L	95
56) Styrene	12.18	104	500513	27.081	ug/L	98
57) Isopropylbenzene	12.46	105	768844	25.735	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	150912	26.879	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	108380	26.855	ug/L	100
62) Bromoform	12.35	173	95355	26.700	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	378602	26.160	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	375176	25.803	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	351581	26.938	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24175	28.016	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	280850	26.334	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	227269	26.704	ug/L	98
69) Naphthalene	15.36	128	455177	29.063	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	211809	27.238	ug/L	97

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

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