

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016169.D
 Acq On : 12 Aug 2020 18:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Aug 13 01:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188083	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99007	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
7) Chloroethane-d5	2.89	69	78453	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.01	63	236705	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.68%
20) 2-Butanone-d5	7.09	46	66952	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
24) Chloroform-d	7.65	84	249474	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	8.31	65	129953	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.92%
29) Benzene-d6	8.27	84	496225	24.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.28%
33) 1,2-Dichloropropane-d6	9.27	67	143903	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	10.32	98	443575	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	63184	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.93	63	56698	54.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126636	25.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	154631	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	118883	29.023	ug/L 96
3) Chloromethane	2.21	50	98337	24.175	ug/L 99
5) Vinyl chloride	2.37	62	131405	24.340	ug/L 100
6) Bromomethane	2.78	94	79654	23.558	ug/L 98
8) Chloroethane	2.92	64	74454	24.491	ug/L 99
9) Trichlorofluoromethane	3.25	101	88029	22.843	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	144442	26.523	ug/L 99
12) 1,1-Dichloroethene	4.03	96	138438	26.601	ug/L 96
13) Acetone	4.12	43	48898	48.864	ug/L 95
14) Carbon disulfide	4.37	76	426459	26.106	ug/L 98
15) Methyl Acetate	4.67	43	60297	25.626	ug/L 95
16) Methylene chloride	4.92	84	147487	23.036	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	184157	24.971	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	145166	26.518	ug/L 89
19) 1,1-Dichloroethane	6.21	63	245664	25.364	ug/L 98
21) 2-Butanone	7.17	43	80339	50.656	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	153696	26.614	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	72604	27.393	ug/L	91
25) Chloroform	7.68	83	262045	25.430	ug/L	100
27) 1,2-Dichloroethane	8.40	62	165604	24.126	ug/L	99
30) Cyclohexane	7.96	56	220340	27.002	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	212944	24.710	ug/L	99
32) Carbon tetrachloride	8.07	117	202381	24.830	ug/L	96
34) Benzene	8.32	78	582807	26.948	ug/L	100
35) Trichloroethene	9.09	95	151680	26.083	ug/L	98
36) Methylcyclohexane	9.34	83	260908	27.235	ug/L	98
40) 1,2-Dichloropropane	9.37	63	140822	26.515	ug/L	99
41) Bromodichloromethane	9.65	83	188926	25.895	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	216861	26.812	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	173882	54.434	ug/L	99
44) Toluene	10.39	91	629218	27.562	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	192721	26.525	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	111475	26.665	ug/L	98
47) Tetrachloroethene	10.86	164	114247	26.206	ug/L	98
49) 2-Hexanone	10.97	43	122728	56.938	ug/L	98
50) Dibromochloromethane	11.13	129	129996	26.402	ug/L	98
51) 1,2-Dibromoethane	11.24	107	107895	27.223	ug/L	98
52) Chlorobenzene	11.66	112	405462	26.842	ug/L	99
53) Ethylbenzene	11.73	91	698787	26.978	ug/L	100
54) m,p-Xylene	11.84	106	267112	27.414	ug/L	95
55) o-xylene	12.16	106	252430	27.505	ug/L	98
56) Styrene	12.18	104	453030	28.511	ug/L	98
57) Isopropylbenzene	12.46	105	679018	27.441	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	134809	27.637	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	98863	26.753	ug/L	99
62) Bromoform	12.35	173	69421	24.408	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	307652	25.898	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	307549	25.414	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	283687	26.046	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	22635	23.700	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	197389	26.333	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	163129	26.851	ug/L	98
69) Naphthalene	15.37	128	371574	28.976	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	152954	27.712	ug/L	100

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

