

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020720\
 Data File : VW014908.D
 Acq On : 07 Feb 2020 09:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Feb 08 03:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 15:50:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	646899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	605677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	288016	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	294856	27.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.12%
7) Chloroethane-d5	2.89	69	241855	28.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.84%
10) 1,1-Dichloroethene-d2	4.03	63	518632	26.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.04%
20) 2-Butanone-d5	7.08	46	170023	56.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.14%
24) Chloroform-d	7.65	84	499653	27.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	8.31	65	284740	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.04%
29) Benzene-d6	8.27	84	995575	25.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.24%
33) 1,2-Dichloropropane-d6	9.27	67	329707	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.92%
37) Toluene-d8	10.32	98	865285	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloropropene-	10.57	79	128375	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.44%
39) 2-Hexanone-d5	10.92	63	121905	52.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	263937	27.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	265104	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	191801	28.840	ug/L 94
3) Chloromethane	2.21	50	282570	28.039	ug/L 98
5) Vinyl chloride	2.37	62	369053	28.047	ug/L 98
6) Bromomethane	2.78	94	174527	26.525	ug/L 99
8) Chloroethane	2.93	64	203939	28.327	ug/L 99
9) Trichlorofluoromethane	3.26	101	156320	29.389	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	263213	28.033	ug/L 97
12) 1,1-Dichloroethene	4.04	96	240420	26.200	ug/L 93
13) Acetone	4.12	43	160322	51.678	ug/L 99
14) Carbon disulfide	4.39	76	754610	27.388	ug/L 100
15) Methyl Acetate	4.67	43	153752	30.117	ug/L 98
16) Methylene chloride	4.92	84	271407	23.029	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	288937	24.101	ug/L 97
18) trans-1,2-Dichloroethene	5.42	96	237304	25.523	ug/L 92
19) 1,1-Dichloroethane	6.21	63	518497	27.526	ug/L 100
21) 2-Butanone	7.17	43	210346	57.911	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	252781	25.136	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	106770	25.877	ug/L	83
25) Chloroform	7.67	83	479156	27.692	ug/L	99
27) 1,2-Dichloroethane	8.40	62	340580	28.550	ug/L	100
30) Cyclohexane	7.96	56	474673	26.302	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	364199	26.371	ug/L	98
32) Carbon tetrachloride	8.07	117	336648	27.118	ug/L	100
34) Benzene	8.32	78	1103855	26.504	ug/L	100
35) Trichloroethene	9.09	95	257853	24.976	ug/L	99
36) Methylcyclohexane	9.34	83	464581	25.833	ug/L	96
40) 1,2-Dichloropropane	9.37	63	301371	27.039	ug/L	100
41) Bromodichloromethane	9.64	83	343845	26.918	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	409931	25.901	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	422043	57.747	ug/L	96
44) Toluene	10.38	91	1120608	26.503	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	342003	26.834	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	195300	26.618	ug/L	97
47) Tetrachloroethene	10.86	164	190492	25.112	ug/L	97
49) 2-Hexanone	10.96	43	309484	60.286	ug/L	96
50) Dibromochloromethane	11.13	129	208266	26.411	ug/L	97
51) 1,2-Dibromoethane	11.23	107	176073	25.791	ug/L	98
52) Chlorobenzene	11.65	112	657476	25.433	ug/L	97
53) Ethylbenzene	11.73	91	1220666	26.389	ug/L	99
54) m,p-Xylene	11.83	106	443420	26.244	ug/L	95
55) o-xylene	12.16	106	413363	25.706	ug/L	98
56) Styrene	12.18	104	736301	27.092	ug/L	98
57) Isopropylbenzene	12.46	105	1144086	26.492	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	261091	28.509	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	195526	28.378	ug/L	99
62) Bromoform	12.35	173	112444	25.610	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	477982	24.568	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	481463	24.567	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	449146	25.240	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	41023	27.037	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	344774	24.744	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	261326	23.737	ug/L	100
69) Naphthalene	15.36	128	524455	24.218	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	252735	24.863	ug/L	100

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

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