

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016678.D
 Acq On : 28 Sep 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Sep 29 05:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	629955	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	562470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	279840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	96735	15.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.44%
7) Chloroethane-d5	2.90	69	92507	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
10) 1,1-Dichloroethene-d2	4.04	63	277427	20.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.40%
20) 2-Butanone-d5	7.08	46	81953	49.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.60%
24) Chloroform-d	7.66	84	326499	24.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	8.31	65	162746	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	8.28	84	547875	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.28	67	163471	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.64%
37) Toluene-d8	10.33	98	504487	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.32%
38) trans-1,3-Dichloropropene-	10.58	79	77369	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	67293	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150262	25.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	229772	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	191325	24.585	ug/L 97
3) Chloromethane	2.23	50	126544	22.223	ug/L 100
5) Vinyl chloride	2.37	62	193372	23.012	ug/L 99
6) Bromomethane	2.79	94	142900	22.412	ug/L 99
8) Chloroethane	2.94	64	117068	23.550	ug/L 97
9) Trichlorofluoromethane	3.28	101	201262	23.756	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	217416	26.787	ug/L 98
12) 1,1-Dichloroethene	4.05	96	208941	26.185	ug/L 95
13) Acetone	4.13	43	58531	44.946	ug/L 98
14) Carbon disulfide	4.40	76	559080	23.224	ug/L 99
15) Methyl Acetate	4.68	43	68816	23.207	ug/L 98
16) Methylene chloride	4.93	84	212464	21.868	ug/L 96
17) Methyl tert-butyl Ether	5.44	73	268908	24.605	ug/L # 93
18) trans-1,2-Dichloroethene	5.44	96	213017	25.779	ug/L 97
19) 1,1-Dichloroethane	6.23	63	336264	25.733	ug/L 98
21) 2-Butanone	7.18	43	89112	40.222	ug/L 94
22) cis-1,2-Dichloroethene	7.18	96	228590	26.661	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	106464	25.542	ug/L	93
25) Chloroform	7.68	83	378022	26.533	ug/L	100
27) 1,2-Dichloroethane	8.41	62	234856	25.691	ug/L	100
30) Cyclohexane	7.96	56	303859	24.721	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	347314	26.439	ug/L	97
32) Carbon tetrachloride	8.07	117	337587	26.451	ug/L	97
34) Benzene	8.33	78	784995	26.038	ug/L	100
35) Trichloroethene	9.10	95	228436	26.189	ug/L	98
36) Methylcyclohexane	9.34	83	380554	25.722	ug/L	98
40) 1,2-Dichloropropane	9.37	63	179925	25.660	ug/L	100
41) Bromodichloromethane	9.65	83	267586	25.752	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	300073	25.055	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	201826	45.305	ug/L	98
44) Toluene	10.39	91	897758	26.483	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	257421	24.703	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	150970	25.558	ug/L	99
47) Tetrachloroethene	10.87	164	213671	27.129	ug/L	92
49) 2-Hexanone	10.97	43	135767	48.020	ug/L	96
50) Dibromochloromethane	11.13	129	199583	25.879	ug/L	99
51) 1,2-Dibromoethane	11.24	107	148119	25.044	ug/L	91
52) Chlorobenzene	11.66	112	604146	26.531	ug/L	100
53) Ethylbenzene	11.73	91	1010384	26.252	ug/L	93
54) m,p-Xylene	11.84	106	398729	26.457	ug/L	98
55) o-xylene	12.17	106	385826	26.723	ug/L	99
56) Styrene	12.18	104	624104	26.031	ug/L	99
57) Isopropylbenzene	12.47	105	1055083	26.743	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	162957	24.669	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	120629	24.518	ug/L	99
62) Bromoform	12.35	173	116591	24.701	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	476916	26.202	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	468708	26.294	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	431065	26.504	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	28458	24.411	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	354386	26.622	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	360226	33.451	ug/L	98
69) Naphthalene	15.37	128	524888	27.496	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	264469	28.555	ug/L	99

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

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