Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020921\
Data File : VW018058.D
Acq On : 09 Feb 2021 12:03
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02516

Quant Time: Feb 10 02:03:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 10 02:02:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	347085	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	311450	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	165693	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84714	19.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.56%			
7) Chloroethane-d5	2.891	69	68100	19.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.56%			
10) 1,1-Dichloroethene-d2	4.025	63	190262	22.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.24%			
20) 2-Butanone-d5	7.074	46	55409	48.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.26%			
24) Chloroform-d	7.647	84	197440	21.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.72%			
26) 1,2-Dichloroethane-d4	8.305	65	103290	21.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.16%			
29) Benzene-d6	8.269	84	379568	22.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.76%			
33) 1,2-Dichloropropane-d6	9.274	67	107536	22.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.92%			
37) Toluene-d8	10.323	98	366513	22.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.12%			
38) trans-1,3-Dichloroprop...	10.579	79	50515	23.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.20%			
39) 2-Hexanone-d5	10.921	63	44709	48.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.78%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	99483	23.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.72%			
61) 1,2-Dichlorobenzene-d4	13.853	152	138666	23.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	111431	23.73	ug/L	96
3) Chloromethane	2.215	50	77711	22.47	ug/L	99
5) Vinyl chloride	2.367	62	124850	26.17	ug/L	100
6) Bromomethane	2.782	94	80542	23.74	ug/L	98
8) Chloroethane	2.928	64	70389	24.69	ug/L	100
9) Trichlorofluoromethane	3.257	101	82807	24.01	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	126305	25.62	ug/L #	66
12) 1,1-Dichloroethene	4.044	96	119775	25.83	ug/L	96
13) Acetone	4.117	43	42131	49.47	ug/L	94
14) Carbon disulfide	4.385	76	350275	25.93	ug/L	98
15) Methyl Acetate	4.666	43	49061	25.97	ug/L	96
16) Methylene chloride	4.915	84	118606	21.32	ug/L	94
17) Methyl tert-butyl Ether	5.421	73	131551	25.27	ug/L	96
18) trans-1,2-Dichloroethene	5.421	96	124390	25.10	ug/L	97
19) 1,1-Dichloroethane	6.214	63	197902	24.74	ug/L	98
21) 2-Butanone	7.165	43	64532	49.77	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	127547	24.81	ug/L	98
23) Bromochloromethane	7.513	128	61258	24.79	ug/L	94
25) Chloroform	7.671	83	215065	24.64	ug/L	100
27) 1,2-Dichloroethane	8.397	62	135991	24.00	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	185498	26.04	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	183320	26.55	ug/L	99
32) Carbon tetrachloride	8.067	117	176780	26.43	ug/L	99
34) Benzene	8.323	78	464118	25.50	ug/L	100
35) Trichloroethene	9.085	95	131585	25.65	ug/L	98
36) Methylcyclohexane	9.335	83	228432	26.48	ug/L	96
40) 1,2-Dichloropropane	9.366	63	106641	25.53	ug/L	100
41) Bromodichloromethane	9.640	83	150240	25.12	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	175285	26.04	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	135190	52.05	ug/L	94
44) Toluene	10.384	91	520089	25.96	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	152952	26.10	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	90849	25.48	ug/L	97
47) Tetrachloroethene	10.860	164	113443	25.97	ug/L	97
49) 2-Hexanone	10.969	43	94808	52.53	ug/L	94
50) Dibromochloromethane	11.128	129	108721	25.45	ug/L	100
51) 1,2-Dibromoethane	11.238	107	90787	25.53	ug/L	99
52) Chlorobenzene	11.658	112	337911	25.60	ug/L	99
53) Ethylbenzene	11.731	91	576169	25.31	ug/L	96
54) m,p-Xylene	11.835	106	224083	25.81	ug/L	97
55) o-xylene	12.164	106	209682	25.46	ug/L	100
56) Styrene	12.182	104	363171	25.93	ug/L	96
57) Isopropylbenzene	12.463	105	593009	25.86	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	108001	25.60	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	80235	25.11	ug/L	100
62) Bromoform	12.347	173	67384	26.39	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	269978	25.56	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	268802	25.31	ug/L	94
65) 1,2-Dichlorobenzene	13.865	146	232533	24.41	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	18763	26.01	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	211418	26.06	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	174137	25.74	ug/L	94
69) Naphthalene	15.365	128	352087	26.75	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	155733	25.83	ug/L	99

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

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