Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
Data File : VW018060.D
Acq On : 10 Feb 2021 09:39
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02517

Quant Time: Feb 11 00:51:16 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	412652	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	375237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	201578	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94958	18.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.08%			
7) Chloroethane-d5	2.891	69	77982	19.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.64%			
10) 1,1-Dichloroethene-d2	4.025	63	220488	21.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.04%			
20) 2-Butanone-d5	7.074	46	57156	41.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.52%			
24) Chloroform-d	7.647	84	228738	21.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.48%			
26) 1,2-Dichloroethane-d4	8.305	65	116922	20.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.08%			
29) Benzene-d6	8.275	84	436662	21.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.76%			
33) 1,2-Dichloropropane-d6	9.274	67	123589	21.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.80%			
37) Toluene-d8	10.323	98	419578	21.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.60%			
38) trans-1,3-Dichloroprop...	10.579	79	57529	22.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.08%			
39) 2-Hexanone-d5	10.920	63	47554	43.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.32%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	108897	21.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.04%			
61) 1,2-Dichlorobenzene-d4	13.853	152	154997	21.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	134318	24.06	ug/L	96
3) Chloromethane	2.215	50	100298	24.39	ug/L	100
5) Vinyl chloride	2.367	62	149290	26.32	ug/L	98
6) Bromomethane	2.782	94	100314	24.87	ug/L	98
8) Chloroethane	2.922	64	86802	25.61	ug/L	99
9) Trichlorofluoromethane	3.263	101	110807	27.02	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	154331	26.34	ug/L #	66
12) 1,1-Dichloroethene	4.044	96	145291	26.35	ug/L	89
13) Acetone	4.117	43	46557	45.98	ug/L	98
14) Carbon disulfide	4.385	76	430976	26.84	ug/L	99
15) Methyl Acetate	4.659	43	55904	24.89	ug/L	98
16) Methylene chloride	4.915	84	141887	21.46	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	162615	26.27	ug/L	97
18) trans-1,2-Dichloroethene	5.421	96	154443	26.21	ug/L	96
19) 1,1-Dichloroethane	6.214	63	247428	26.02	ug/L	98
21) 2-Butanone	7.165	43	71403	46.32	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	160264	26.22	ug/L	95
23) Bromochloromethane	7.513	128	76321	25.98	ug/L	92
25) Chloroform	7.671	83	269417	25.96	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	166881	24.77	ug/L		99
30) Cyclohexane	7.952	56	225683	26.29	ug/L		94
31) 1,1,1-Trichloroethane	7.866	97	227835	27.38	ug/L		99
32) Carbon tetrachloride	8.067	117	223330	27.71	ug/L		99
34) Benzene	8.323	78	576925	26.31	ug/L		100
35) Trichloroethene	9.092	95	160572	25.98	ug/L		99
36) Methylcyclohexane	9.335	83	268929	25.88	ug/L		97
40) 1,2-Dichloropropane	9.366	63	132779	26.38	ug/L		100
41) Bromodichloromethane	9.640	83	192267	26.68	ug/L		96
42) cis-1,3-Dichloropropene	10.073	75	220753	27.22	ug/L		98
43) 4-Methyl-2-pentanone	10.207	43	155239	49.61	ug/L		94
44) Toluene	10.390	91	633856	26.26	ug/L		98
45) trans-1,3-Dichloropropene	10.603	75	191961	27.19	ug/L		99
46) 1,1,2-Trichloroethane	10.786	97	111533	25.96	ug/L		98
47) Tetrachloroethene	10.860	164	138216	26.27	ug/L		96
49) 2-Hexanone	10.969	43	108317	49.81	ug/L		95
50) Dibromochloromethane	11.128	129	139227	27.05	ug/L		98
51) 1,2-Dibromoethane	11.231	107	109566	25.57	ug/L	#	100
52) Chlorobenzene	11.658	112	412339	25.93	ug/L		99
53) Ethylbenzene	11.731	91	717542	26.16	ug/L		98
54) m,p-Xylene	11.841	106	274648	26.26	ug/L		98
55) o-xylene	12.164	106	260661	26.27	ug/L		97
56) Styrene	12.182	104	443813	26.30	ug/L		97
57) Isopropylbenzene	12.463	105	715856	25.91	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.713	83	127695	25.13	ug/L		98
59) 1,2,3-Trichloropropane	12.768	75	94870	24.64	ug/L		99
62) Bromoform	12.347	173	84088	27.07	ug/L		98
63) 1,3-Dichlorobenzene	13.499	146	337086	26.23	ug/L		94
64) 1,4-Dichlorobenzene	13.579	146	326924	25.30	ug/L		97
65) 1,2-Dichlorobenzene	13.871	146	293817	25.36	ug/L		95
66) 1,2-Dibromo-3-chloropr...	14.481	75	21493	24.49	ug/L		95
67) 1,3,5-Trichlorobenzene	14.627	180	250566	25.38	ug/L		98
68) 1,2,4-trichlorobenzene	15.133	180	214068	26.01	ug/L		94
69) Naphthalene	15.365	128	404803	25.28	ug/L		100
70) 1,2,3-Trichlorobenzene	15.554	180	192207	26.20	ug/L		97

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

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