Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020921\
Data File : VW018055.D
Acq On : 09 Feb 2021 09:44
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02515

Quant Time: Feb 10 01:48:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 09 03:23:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	378571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	175029	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103482	21.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.96%			
7) Chloroethane-d5	2.891	69	85685	22.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.80%			
10) 1,1-Dichloroethene-d2	4.025	63	231328	24.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.36%			
20) 2-Butanone-d5	7.074	46	60027	47.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.62%			
24) Chloroform-d	7.647	84	241514	24.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.24%			
26) 1,2-Dichloroethane-d4	8.305	65	124944	23.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.44%			
29) Benzene-d6	8.275	84	463547	25.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.36%			
33) 1,2-Dichloropropane-d6	9.274	67	129735	25.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.44%			
37) Toluene-d8	10.323	98	449668	25.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.32%			
38) trans-1,3-Dichloroprop...	10.579	79	60842	25.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.92%			
39) 2-Hexanone-d5	10.920	63	49557	50.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.34%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	113552	25.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	158784	25.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	136946	26.74	ug/L	95
3) Chloromethane	2.215	50	97247	25.78	ug/L	99
5) Vinyl chloride	2.367	62	143942	27.66	ug/L	100
6) Bromomethane	2.782	94	96018	25.95	ug/L	99
8) Chloroethane	2.928	64	83637	26.90	ug/L	99
9) Trichlorofluoromethane	3.263	101	107222	28.50	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	149168	27.75	ug/L #	66
12) 1,1-Dichloroethene	4.038	96	139799	27.64	ug/L	93
13) Acetone	4.123	43	44677	48.10	ug/L	97
14) Carbon disulfide	4.385	76	413445	28.07	ug/L	98
15) Methyl Acetate	4.672	43	52081	25.27	ug/L	97
16) Methylene chloride	4.915	84	135807	22.38	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	150213	26.45	ug/L	97
18) trans-1,2-Dichloroethene	5.421	96	147756	27.33	ug/L	96
19) 1,1-Dichloroethane	6.220	63	232083	26.60	ug/L	98
21) 2-Butanone	7.165	43	67663	47.85	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	151434	27.01	ug/L	97
23) Bromochloromethane	7.513	128	70093	26.01	ug/L	92
25) Chloroform	7.671	83	249234	26.18	ug/L	98
27) 1,2-Dichloroethane	8.396	62	156394	25.31	ug/L	98

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ClientSampleId : VSTD02515

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Quant Title : VOC Analysis
QLast Update : Tue Feb 09 03:23:41 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Cyclohexane	7.951	56	220481	28.65	ug/L		96
31) 1,1,1-Trichloroethane	7.872	97	216520	29.03	ug/L		99
32) Carbon tetrachloride	8.067	117	208929	28.92	ug/L		98
34) Benzene	8.323	78	542240	27.58	ug/L		100
35) Trichloroethene	9.091	95	152262	27.48	ug/L		99
36) Methylcyclohexane	9.335	83	266893	28.64	ug/L		96
40) 1,2-Dichloropropane	9.366	63	124041	27.49	ug/L		100
41) Bromodichloromethane	9.640	83	177689	27.50	ug/L		98
42) cis-1,3-Dichloropropene	10.073	75	206068	28.34	ug/L		99
43) 4-Methyl-2-pentanone	10.207	43	145043	51.70	ug/L		95
44) Toluene	10.390	91	601727	27.80	ug/L		97
45) trans-1,3-Dichloropropene	10.603	75	177880	28.10	ug/L		100
46) 1,1,2-Trichloroethane	10.786	97	104988	27.26	ug/L		98
47) Tetrachloroethene	10.859	164	134642	28.54	ug/L		93
49) 2-Hexanone	10.969	43	99948	51.26	ug/L		95
50) Dibromochloromethane	11.128	129	128489	27.84	ug/L		98
51) 1,2-Dibromoethane	11.231	107	102475	26.67	ug/L	#	99
52) Chlorobenzene	11.658	112	391989	27.50	ug/L		98
53) Ethylbenzene	11.731	91	677648	27.56	ug/L		98
54) m,p-Xylene	11.841	106	262650	28.01	ug/L		95
55) o-xylene	12.164	106	246597	27.72	ug/L		94
56) Styrene	12.182	104	420464	27.79	ug/L		94
57) Isopropylbenzene	12.463	105	690198	27.86	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.713	83	118926	26.10	ug/L		99
59) 1,2,3-Trichloropropane	12.768	75	89470	25.92	ug/L		98
62) Bromoform	12.347	173	77400	28.70	ug/L	#	98
63) 1,3-Dichlorobenzene	13.499	146	315600	28.29	ug/L		97
64) 1,4-Dichlorobenzene	13.579	146	308777	27.52	ug/L		98
65) 1,2-Dichlorobenzene	13.865	146	280531	27.88	ug/L		97
66) 1,2-Dibromo-3-chloropr...	14.481	75	20248	26.57	ug/L		96
67) 1,3,5-Trichlorobenzene	14.627	180	245875	28.69	ug/L		97
68) 1,2,4-trichlorobenzene	15.127	180	198403	27.77	ug/L		95
69) Naphthalene	15.359	128	383093	27.56	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	176220	27.67	ug/L		99

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

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