Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
Data File : VW018796.D
Acq On : 27 Apr 2021 09:08
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025123

Quant Time: Apr 28 00:37:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 27 01:21:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	539993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	484866	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241745	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	151509	18.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.84%			
7) Chloroethane-d5	2.891	69	135191	18.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.36%			
11) 1,1-Dichloroethene-d2	4.019	63	341732	23.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.92%			
21) 2-Butanone-d5	7.074	46	108409	58.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.08%			
24) Chloroform-d	7.647	84	408967	27.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.40%			
26) 1,2-Dichloroethane-d4	8.305	65	222442	26.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	8.275	84	755466	26.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.24%			
36) 1,2-Dichloropropane-d6	9.274	67	235131	27.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.72%			
41) Toluene-d8	10.323	98	682718	26.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.96%			
43) trans-1,3-Dichloroprop...	10.579	79	103180	28.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 113.08%			
47) 2-Hexanone-d5	10.921	63	89552	60.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.16%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	206380	28.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.32%			
66) 1,2-Dichlorobenzene-d4	13.853	152	248159	29.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	134645	26.20	ug/L	95
3) Chloromethane	2.215	50	120734	17.20	ug/L	98
5) Vinyl chloride	2.367	62	212882	21.04	ug/L	98
6) Bromomethane	2.782	94	141719	17.57	ug/L	100
8) Chloroethane	2.922	64	130028	20.13	ug/L	96
9) Trichlorofluoromethane	3.263	101	180892	31.91	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	196139	27.26	ug/L	98
12) 1,1-Dichloroethene	4.044	96	188289	26.52	ug/L	94
13) Acetone	4.117	43	79937	58.95	ug/L	90
14) Carbon disulfide	4.385	76	506070	23.95	ug/L	100
15) Methyl Acetate	4.666	43	77026	24.91	ug/L	94
16) Methylene chloride	4.909	84	201331	22.75	ug/L	91
17) trans-1,2-Dichloroethene	5.422	96	200424	26.25	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	275459	26.97	ug/L	98
19) 1,1-Dichloroethane	6.214	63	369737	26.33	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	220092	27.10	ug/L	98
22) 2-Butanone	7.165	43	108331	52.58	ug/L	95
23) Bromochloromethane	7.513	128	93815	26.68	ug/L	95
25) Chloroform	7.677	83	382674	26.85	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	253375	26.12	ug/L		100
29) Cyclohexane	7.952	56	315321	26.41	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	310196	29.24	ug/L		99
31) Carbon tetrachloride	8.067	117	284987	29.79	ug/L		98
33) Benzene	8.323	78	827786	27.19	ug/L		100
34) Trichloroethene	9.092	95	220945	28.18	ug/L		94
35) Methylcyclohexane	9.335	83	372102	27.31	ug/L		98
37) 1,2-Dichloropropane	9.372	63	202885	26.32	ug/L		98
38) Bromodichloromethane	9.640	83	271494	27.67	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	325970	28.49	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	229485	48.46	ug/L		93
42) Toluene	10.384	91	910656	27.86	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	287678	28.80	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	155288	27.16	ug/L		98
46) Tetrachloroethene	10.866	164	157999	28.52	ug/L		96
48) 2-Hexanone	10.969	43	165065	55.14	ug/L		94
49) Dibromochloromethane	11.128	129	172499	28.31	ug/L		92
50) 1,2-Dibromoethane	11.231	107	149204	27.42	ug/L		99
51) Chlorobenzene	11.658	112	558885	27.77	ug/L		99
52) Ethylbenzene	11.731	91	1015797	28.14	ug/L		97
53) m,p-Xylene	11.835	106	374893	28.30	ug/L		95
54) o-Xylene	12.164	106	359573	28.28	ug/L		91
55) Styrene	12.182	104	622170	28.29	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	187144	26.28	ug/L	#	98
59) Bromoform	12.347	173	94023	27.28	ug/L		100
60) Isopropylbenzene	12.463	105	1014354	28.53	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	139543	25.26	ug/L		98
62) 1,3,5-Trimethylbenzene	12.945	105	824561	27.99	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	841116	28.62	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	416469	27.64	ug/L		93
65) 1,4-Dichlorobenzene	13.579	146	419967	27.55	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	375511	27.09	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	29556	25.75	ug/L		99
69) 1,3,5-Trichlorobenzene	14.627	180	309519	28.77	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	249962	28.55	ug/L		97
71) Naphthalene	15.365	128	513396	27.83	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	217049	28.08	ug/L		97

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

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