Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013598.D
Acq On : 08 Feb 2021 14:24
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Feb 08 14:54:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 12:46:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	7208	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	25901	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	14682	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	29719	0.40	ng		# 0.00
29) Chrysene-d12	21.133	240	32146	0.40	ng		0.00
36) Perylene-d12	23.304	264	26322	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.179	112	72725	3.46	ng		0.00
5) Phenol-d6	6.734	99	96475	3.61	ng		0.00
8) Nitrobenzene-d5	8.680	82	78006	4.46	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	201700	4.36	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	26443	4.17	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	260466	4.04	ng		0.00
27) Fluoranthene-d10	18.975	212	421696	4.48	ng		0.00
31) Terphenyl-d14	19.585	244	332394	4.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	34678	3.89	ng		97
3) n-Nitrosodimethylamine	3.480	42	31041	3.97	ng		96
6) bis(2-Chloroethyl)ether	6.992	93	81102	3.87	ng		99
9) Naphthalene	10.365	128	308733	3.99	ng		99
10) Hexachlorobutadiene	10.657	225	50053	3.68	ng	#	100
12) 2-Methylnaphthalene	11.982	142	215105	4.01	ng		99
16) Acenaphthylene	13.902	152	317903	4.54	ng		99
17) Acenaphthene	14.245	154	210062	4.17	ng		97
18) Fluorene	15.234	166	258077	4.06	ng		99
21) 4-Bromophenyl-phenylether	16.130	248	74800	4.05	ng	#	85
22) Hexachlorobenzene	16.252	284	80270	3.89	ng		100
23) Atrazine	16.410	200	60309	5.09	ng		96
25) Phenanthrene	16.970	178	412781	4.14	ng		99
26) Anthracene	17.067	178	372375	4.41	ng		100
28) Fluoranthene	19.005	202	465874	4.12	ng		99
30) Pyrene	19.367	202	467417	3.95	ng		100
32) Benzo(a)anthracene	21.122	228	459976	4.09	ng		99
33) Chrysene	21.176	228	478599	3.84	ng		97
34) Bis(2-ethylhexyl)phtha...	21.080	149	150624	4.31	ng		99
35) Indeno(1,2,3-cd)pyrene	25.454	276	508559	3.88	ng		98
37) Benzo(b)fluoranthene	22.657	252	472976	4.33	ng	#	92
38) Benzo(k)fluoranthene	22.702	252	459508	4.35	ng	#	91
39) Benzo(a)pyrene	23.208	252	415693	4.63	ng	#	88
40) Dibenzo(a,h)anthracene	25.464	278	432599	4.32	ng		96
41) Benzo(g,h,i)perylene	26.104	276	440495	4.29	ng		99

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

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