Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016601.D
Acq On : 30 Sep 2021 15:31
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 30 16:00:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	26138	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	114426	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	60917	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	109409	0.40	ng		0.00
29) Chrysene-d12	21.238	240	107823	0.40	ng		0.00
35) Perylene-d12	23.488	264	103379	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	54462	0.81	ng		0.00
5) Phenol-d6	6.822	99	59527	0.83	ng		0.00
8) Nitrobenzene-d5	8.785	82	57372	0.80	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	140142	0.84	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	21882	0.79	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	198734	0.79	ng		0.00
27) Fluoranthene-d10	19.068	212	241116	0.80	ng		0.00
31) Terphenyl-d14	19.679	244	200779	0.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	9686	0.75	ng	#	79
3) n-Nitrosodimethylamine	3.595	42	15924	0.81	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	59448	0.84	ng		100
9) Naphthalene	10.458	128	254743	0.81	ng		100
10) Hexachlorobutadiene	10.749	225	47907	0.81	ng	#	100
12) 2-Methylnaphthalene	12.079	142	166156	0.84	ng		99
16) Acenaphthylene	13.990	152	218452	0.81	ng		100
17) Acenaphthene	14.332	154	146717	0.82	ng		99
18) Fluorene	15.322	166	175594	0.82	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	8035	0.65	ng		94
21) 4-Bromophenyl-phenylether	16.227	248	55888	0.83	ng		99
22) Hexachlorobenzene	16.336	284	64803	0.82	ng		100
23) Atrazine	16.507	200	38493	0.78	ng		99
24) Pentachlorophenol	16.677	266	22209	0.83	ng		99
25) Phenanthrene	17.066	178	273489	0.83	ng		100
26) Anthracene	17.152	178	232480	0.82	ng		100
28) Fluoranthene	19.098	202	302792	0.83	ng		100
30) Pyrene	19.460	202	299644	0.85	ng		100
32) Benzo(a)anthracene	21.217	228	284210	0.87	ng		100
33) Chrysene	21.270	228	291228	0.85	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	110141	0.91	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	330076	0.86	ng		100
37) Benzo(b)fluoranthene	22.810	252	293388	0.92	ng		99
38) Benzo(k)fluoranthene	22.855	252	292775	0.90	ng		99
39) Benzo(a)pyrene	23.389	252	260403	0.87	ng		99
40) Dibenzo(a,h)anthracene	25.785	278	266662	0.86	ng		99
41) Benzo(g,h,i)perylene	26.459	276	288371	0.85	ng		100

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

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