Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016649.D
Acq On : 01 Oct 2021 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 02 00:53:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32007	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	141991	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	73396	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	133851	0.40	ng	#-0.01
29) Chrysene-d12	21.228	240	127346	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	134321	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	30813	0.38	ng	0.00
5) Phenol-d6	6.822	99	33686	0.38	ng	0.00
8) Nitrobenzene-d5	8.785	82	33011	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	78045	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11883	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	110470	0.37	ng	-0.01
27) Fluoranthene-d10	19.063	212	132897	0.37	ng	0.00
31) Terphenyl-d14	19.679	244	108066	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	5666	0.38	ng	# 89
3) n-Nitrosodimethylamine	3.576	42	8995	0.38	ng	98
6) bis(2-Chloroethyl)ether	7.080	93	33498	0.39	ng	100
9) Naphthalene	10.458	128	142359	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	27482	0.38	ng	# 100
12) 2-Methylnaphthalene	12.079	142	92444	0.38	ng	98
16) Acenaphthylene	13.990	152	116492	0.36	ng	100
17) Acenaphthene	14.332	154	80133	0.37	ng	100
18) Fluorene	15.322	166	95612	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	1729	0.24	ng	97
21) 4-Bromophenyl-phenylether	16.227	248	30098	0.36	ng	94
22) Hexachlorobenzene	16.324	284	35637	0.37	ng	99
23) Atrazine	16.507	200	20858	0.35	ng	98
24) Pentachlorophenol	16.677	266	12206	0.38	ng	99
25) Phenanthrene	17.066	178	149559	0.37	ng	100
26) Anthracene	17.152	178	124377	0.36	ng	100
28) Fluoranthene	19.093	202	165235	0.38	ng	100
30) Pyrene	19.460	202	164464	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	148728	0.38	ng	99
33) Chrysene	21.270	228	165754	0.42	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	63423	0.41	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	189433	0.40	ng	99
37) Benzo(b)fluoranthene	22.803	252	165052	0.38	ng	100
38) Benzo(k)fluoranthene	22.851	252	168061	0.39	ng	98
39) Benzo(a)pyrene	23.382	252	151427	0.39	ng	100
40) Dibenzo(a,h)anthracene	25.781	278	151629	0.39	ng	99
41) Benzo(g,h,i)perylene	26.452	276	161536	0.38	ng	100

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

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