Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018258.D
Acq On : 29 Dec 2021 12:36
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 29 13:49:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28248	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	111775	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	62344	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	117415	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	100847	0.400	ng	# 0.00
35) Perylene-d12	23.423	264	78332	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	50009	0.811	ng	0.00
5) Phenol-d6	6.831	99	48717	0.738	ng	0.00
8) Nitrobenzene-d5	8.784	82	54994	0.731	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	168137	0.875	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	14964	0.493	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	214722	0.921	ng	0.00
27) Fluoranthene-d10	19.038	212	334773	0.900	ng	0.00
31) Terphenyl-d14	19.649	244	218213	0.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	14037	0.828	ng	# 59
3) n-Nitrosodimethylamine	3.502	42	21146	0.857	ng	96
6) bis(2-Chloroethyl)ether	7.071	93	61493	0.864	ng	99
9) Naphthalene	10.470	128	243343	0.882	ng	100
10) Hexachlorobutadiene	10.761	225	67186	0.915	ng	# 100
12) 2-Methylnaphthalene	12.083	142	159544	0.875	ng	100
16) Acenaphthylene	13.977	152	201351	0.869	ng	100
17) Acenaphthene	14.332	154	143906	0.891	ng	99
18) Fluorene	15.309	166	173105	0.872	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	1396	0.334	ng	93
21) 4-Bromophenyl-phenylether	16.202	248	65383	0.910	ng	98
22) Hexachlorobenzene	16.324	284	79448	0.933	ng	99
23) Atrazine	16.482	200	36422	0.817	ng	97
24) Pentachlorophenol	16.665	266	7542	0.316	ng	99
25) Phenanthrene	17.042	178	276160	0.886	ng	100
26) Anthracene	17.139	178	221621	0.863	ng	100
28) Fluoranthene	19.068	202	335712	0.923	ng	100
30) Pyrene	19.430	202	334262	1.033	ng	100
32) Benzo(a)anthracene	21.174	228	243430	0.831	ng	99
33) Chrysene	21.227	228	277729	0.869	ng	100
34) Bis(2-ethylhexyl)phtha...	21.121	149	95596	0.872	ng	99
36) Indeno(1,2,3-cd)pyrene	25.685	276	165166	0.729	ng	99
37) Benzo(b)fluoranthene	22.749	252	228913	0.945	ng	99
38) Benzo(k)fluoranthene	22.793	252	221233	0.906	ng	100
39) Benzo(a)pyrene	23.324	252	187573	0.861	ng	100
40) Dibenzo(a,h)anthracene	25.702	278	114407	0.687	ng	99
41) Benzo(g,h,i)perylene	26.373	276	162011	0.776	ng	100

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

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