Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018261.D
Acq On : 29 Dec 2021 14:24
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 29 14:59:30 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	32645	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	118172	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	68194	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	130673	0.400	ng	# 0.00
29) Chrysene-d12	21.195	240	129999	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	114965	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	336583	4.723	ng	0.00
5) Phenol-d6	6.821	99	351124	4.602	ng	0.00
8) Nitrobenzene-d5	8.784	82	427832	5.379	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	967075	4.762	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	175959	5.298	ng	-0.01
15) 2-Fluorobiphenyl	12.885	172	1244049	4.880	ng	-0.01
27) Fluoranthene-d10	19.038	212	2148611	5.191	ng	0.00
31) Terphenyl-d14	19.643	244	1453739	5.081	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.179	88	84108	4.291	ng	# 58
3) n-Nitrosodimethylamine	3.502	42	140700	4.931	ng	98
6) bis(2-Chloroethyl)ether	7.070	93	373131	4.538	ng	99
9) Naphthalene	10.457	128	1387458	4.756	ng	99
10) Hexachlorobutadiene	10.761	225	390243	5.030	ng	# 100
12) 2-Methylnaphthalene	12.082	142	894654	4.643	ng	99
16) Acenaphthylene	13.977	152	1351956	5.336	ng	100
17) Acenaphthene	14.332	154	864290	4.891	ng	97
18) Fluorene	15.309	166	1049468	4.832	ng	99
20) 4,6-Dinitro-2-methylph...	15.398	198	28349	6.101	ng	# 75
21) 4-Bromophenyl-phenylether	16.202	248	434047	5.428	ng	94
22) Hexachlorobenzene	16.324	284	476631	5.028	ng	100
23) Atrazine	16.482	200	321388	6.476	ng	94
24) Pentachlorophenol	16.664	266	136135	5.124	ng	99
25) Phenanthrene	17.042	178	1672983	4.824	ng	99
26) Anthracene	17.139	178	1559581	5.458	ng	99
28) Fluoranthene	19.068	202	1992908	4.922	ng	99
30) Pyrene	19.430	202	2109122	5.055	ng	100
32) Benzo(a)anthracene	21.174	228	2044535	5.414	ng	99
33) Chrysene	21.227	228	1952577	4.739	ng	99
36) Indeno(1,2,3-cd)pyrene	25.678	276	1568479	4.714	ng	99
37) Benzo(b)fluoranthene	22.748	252	1900815	5.346	ng	100
38) Benzo(k)fluoranthene	22.793	252	1852375	5.170	ng	99
39) Benzo(a)pyrene	23.320	252	1681717	5.262	ng	98
40) Dibenzo(a,h)anthracene	25.692	278	1184005	4.846	ng	98
41) Benzo(g,h,i)perylene	26.370	276	1422049	4.639	ng	99

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

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