Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017585.D
Acq On : 24 Nov 2021 17:52
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 25 02:37:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 02:34:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	21562	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	93671	0.400	ng	0.00
13) Acenaphthene-d10	14.371	164	52140	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	105170	0.400	ng	0.00
29) Chrysene-d12	21.313	240	93795	0.400	ng	# 0.00
35) Perylene-d12	23.629	264	69689	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	10900	0.204	ng	0.00
5) Phenol-d6	6.924	99	12079	0.200	ng	0.00
8) Nitrobenzene-d5	8.887	82	7764	0.126	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	29856	0.191	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	4133	0.258	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	37528	0.193	ng	0.00
27) Fluoranthene-d10	19.158	212	63609	0.197	ng	0.00
31) Terphenyl-d14	19.759	244	40926	0.199	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	1922	0.186	ng	# 100
3) n-Nitrosodimethylamine	3.632	42	3722	0.175	ng	# 71
6) bis(2-Chloroethyl)ether	7.182	93	12009	0.195	ng	100
9) Naphthalene	10.585	128	43680	0.184	ng	99
10) Hexachlorobutadiene	10.877	225	11109	0.237	ng	# 100
12) 2-Methylnaphthalene	12.200	142	29197	0.191	ng	99
16) Acenaphthylene	14.092	152	38708	0.186	ng	100
17) Acenaphthene	14.435	154	25632	0.178	ng	98
18) Fluorene	15.424	166	32139	0.186	ng	100
21) 4-Bromophenyl-phenylether	16.313	248	11554	0.200	ng	97
22) Hexachlorobenzene	16.435	284	14266	0.228	ng	99
23) Atrazine	16.593	200	4454	0.116	ng	97
24) Pentachlorophenol	16.775	266	3465	0.184	ng	99
25) Phenanthrene	17.165	178	51451	0.175	ng	100
26) Anthracene	17.250	178	44772	0.178	ng	100
28) Fluoranthene	19.188	202	62709	0.193	ng	99
30) Pyrene	19.551	202	63529	0.200	ng	100
32) Benzo(a)anthracene	21.303	228	56511	0.194	ng	97
33) Chrysene	21.345	228	58046	0.186	ng	98
34) Bis(2-ethylhexyl)phtha...	21.250	149	13186	0.117	ng	98
36) Indeno(1,2,3-cd)pyrene	26.005	276	26700	0.126	ng	# 92
37) Benzo(b)fluoranthene	22.928	252	48370	0.191	ng	99
38) Benzo(k)fluoranthene	22.976	252	46616	0.190	ng	# 97
39) Benzo(a)pyrene	23.523	252	38499	0.184	ng	98
40) Dibenzo(a,h)anthracene	26.025	278	22124	0.127	ng	# 90
41) Benzo(g,h,i)perylene	26.727	276	20238	0.111	ng	95

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

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