Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016305.D
Acq On : 17 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

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9/20/2021 4:22:08 PM

Quant Time: Sep 17 23:46:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 17:56:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	23620	0.400	ng	0.00
7) Naphthalene-d8	10.458	136	98206	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	54891	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	108688	0.400	ng	# 0.00
29) Chrysene-d12	21.270	240	109178	0.400	ng	# 0.01
35) Perylene-d12	23.529	264	116690	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	181631	3.015	ng	0.00
5) Phenol-d6	6.868	99	220573	2.925	ng	0.00
8) Nitrobenzene-d5	8.835	82	197851	2.507	ng	0.00
11) 2-Methylnaphthalene-d10	12.052	152	492166	3.209	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	58383	2.592	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	672156	3.127	ng	0.00
27) Fluoranthene-d10	19.103	212	1013257	3.173	ng	0.00
31) Terphenyl-d14	19.713	244	844668	3.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.300	88	30633m	3.655	ng	
3) n-Nitrosodimethylamine	3.641	42	78468	4.514	ng	# 1
6) bis(2-Chloroethyl)ether	7.135	93	197585	3.178	ng	94
9) Naphthalene	10.508	128	834139	3.179	ng	100
10) Hexachlorobutadiene	10.800	225	161819	3.024	ng	# 99
12) 2-Methylnaphthalene	12.127	142	543659	3.078	ng	99
16) Acenaphthylene	14.028	152	821017	3.343	ng	99
17) Acenaphthene	14.370	154	505274	3.169	ng	99
18) Fluorene	15.360	166	634410	3.216	ng	100
20) 4,6-Dinitro-2-methylph...	15.449	198	30074	5.011	ng	# 54
21) 4-Bromophenyl-phenylether	16.263	248	203803	3.504	ng	# 89
22) Hexachlorobenzene	16.373	284	192916	2.769	ng	# 91
23) Atrazine	16.543	200	192047	3.592	ng	95
24) Pentachlorophenol	16.713	266	81948	6.646	ng	98
25) Phenanthrene	17.103	178	982170	3.113	ng	99
26) Anthracene	17.188	178	948027	3.265	ng	99
28) Fluoranthene	19.133	202	1111212	2.999	ng	99
30) Pyrene	19.495	202	1170226	3.162	ng	99
32) Benzo(a)anthracene	21.249	228	1219525	3.583	ng	99
33) Chrysene	21.302	228	1171940	3.474	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	709412	3.386	ng	99
36) Indeno(1,2,3-cd)pyrene	25.829	276	1357856	6.991	ng	99
37) Benzo(b)fluoranthene	22.845	252	1251429	2.778	ng	98
38) Benzo(k)fluoranthene	22.892	252	1206370	3.004	ng	99
39) Benzo(a)pyrene	23.426	252	1158267	3.458	ng	96
40) Dibenzo(a,h)anthracene	25.853	278	1148575	7.736	ng	94
41) Benzo(g,h,i)perylene	26.534	276	1156295	7.169	ng	95

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

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