Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021347.D
Acq On : 24 Aug 2022 21:43
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082422

Quant Time: Aug 25 06:57:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:55:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	2912	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	9101	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	5299	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	11307	0.400	ng	0.00
29) Chrysene-d12	21.673	240	10033	0.400	ng	# 0.00
35) Perylene-d12	24.206	264	8867	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	2876	0.365	ng	0.00
5) Phenol-d6	7.231	99	3586	0.363	ng	0.00
8) Nitrobenzene-d5	9.254	82	2523	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	6141	0.400	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	788	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	9299	0.392	ng	0.00
27) Fluoranthene-d10	19.518	212	12384	0.367	ng	0.00
31) Terphenyl-d14	20.106	244	8438	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	1682	0.416	ng	# 89
3) n-Nitrosodimethylamine	3.750	42	1550	0.401	ng	# 96
6) bis(2-Chloroethyl)ether	7.498	93	4028	0.408	ng	99
9) Naphthalene	10.973	128	11086	0.370	ng	99
10) Hexachlorobutadiene	11.251	225	1958	0.397	ng	# 99
12) 2-Methylnaphthalene	12.199	142	1582	0.311	ng	99
16) Acenaphthylene	14.461	152	9546	0.359	ng	100
17) Acenaphthene	14.803	154	6959	0.377	ng	100
18) Fluorene	15.787	166	8636	0.374	ng	100
20) 4,6-Dinitro-2-methylph...	15.605	198	1	0.067	ng	96
21) 4-Bromophenyl-phenylether	16.680	248	2930	0.378	ng	98
22) Hexachlorobenzene	16.783	284	3542	0.394	ng	99
23) Atrazine	16.936	200	1618	0.331	ng	95
24) Pentachlorophenol	17.131	266	893	0.288	ng	98
25) Phenanthrene	17.531	178	15484	0.374	ng	100
26) Anthracene	17.624	178	12081	0.356	ng	99
28) Fluoranthene	19.548	202	16664	0.366	ng	100
30) Pyrene	19.910	202	19585	0.388	ng	100
32) Benzo(a)anthracene	21.664	228	13957	0.367	ng	99
33) Chrysene	21.718	228	16451	0.397	ng	100
34) Bis(2-ethylhexyl)phtha...	21.575	149	5664	0.309	ng	100
36) Indeno(1,2,3-cd)pyrene	26.875	276	17195	0.381	ng	100
37) Benzo(b)fluoranthene	23.428	252	15355	0.393	ng	98
38) Benzo(k)fluoranthene	23.478	252	15522	0.384	ng	98
39) Benzo(a)pyrene	24.092	252	11704	0.369	ng	97
40) Dibenzo(a,h)anthracene	26.904	278	14384	0.388	ng	97
41) Benzo(g,h,i)perylene	27.696	276	14994	0.384	ng	100

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

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