Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034155.D
Acq On : 22 Sep 2024 10:13
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 120 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 23 00:05:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	7174	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	21358	0.400	ng	-0.02
13) Acenaphthene-d10	14.073	164	12133	0.400	ng	0.00
19) Phenanthrene-d10	16.821	188	26862	0.400	ng	#-0.02
29) Chrysene-d12	21.044	240	17856	0.400	ng	-0.01
35) Perylene-d12	23.171	264	14537	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	6697	0.329	ng	-0.01
5) Phenol-d6	6.622	99	7938	0.335	ng	-0.01
8) Nitrobenzene-d5	8.557	82	6321	0.387	ng	-0.02
11) 2-Methylnaphthalene-d10	11.780	152	11648	0.369	ng	-0.01
14) 2,4,6-Tribromophenol	15.580	330	1660	0.302	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	19422	0.394	ng	-0.02
27) Fluoranthene-d10	18.871	212	24008	0.354	ng	-0.02
31) Terphenyl-d14	19.494	244	13651	0.383	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	3417	0.381	ng	# 87
3) n-Nitrosodimethylamine	3.372	42	4719	0.462	ng	# 82
6) bis(2-Chloroethyl)ether	6.867	93	8025	0.383	ng	96
9) Naphthalene	10.223	128	23124	0.394	ng	100
10) Hexachlorobutadiene	10.522	225	4412	0.400	ng	# 99
12) 2-Methylnaphthalene	11.856	142	15006	0.393	ng	98
16) Acenaphthylene	13.784	152	20489	0.395	ng	100
17) Acenaphthene	14.137	154	15084	0.405	ng	100
18) Fluorene	15.131	166	19954	0.408	ng	100
20) 4,6-Dinitro-2-methylph...	15.227	198	1301	0.399	ng	# 62
21) 4-Bromophenyl-phenylether	16.039	248	5939	0.393	ng	94
22) Hexachlorobenzene	16.138	284	6771	0.400	ng	95
23) Atrazine	16.312	200	4401	0.352	ng	# 90
24) Pentachlorophenol	16.486	266	1910	0.341	ng	99
25) Phenanthrene	16.870	178	31292	0.406	ng	100
26) Anthracene	16.957	178	25398	0.403	ng	100
28) Fluoranthene	18.904	202	34272	0.384	ng	100
30) Pyrene	19.266	202	34654	0.460	ng	100
32) Benzo(a)anthracene	21.035	228	22941	0.406	ng	99
33) Chrysene	21.080	228	28112	0.417	ng	100
34) Bis(2-ethylhexyl)phtha...	21.008	149	2202	0.094	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.250	276	22288	0.358	ng	99
37) Benzo(b)fluoranthene	22.546	252	24176	0.425	ng	98
38) Benzo(k)fluoranthene	22.587	252	26168	0.438	ng	97
39) Benzo(a)pyrene	23.078	252	18727	0.403	ng	97
40) Dibenzo(a,h)anthracene	25.268	278	17234	0.356	ng	99
41) Benzo(g,h,i)perylene	25.885	276	19003	0.350	ng	100

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

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