Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034137.D
Acq On : 21 Sep 2024 23:22
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 23 00:01:32 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	5951	0.400	ng		-0.01
7) Naphthalene-d8	10.180	136	17151	0.400	ng		#-0.02
13) Acenaphthene-d10	14.072	164	9341	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	21021	0.400	ng		0.00
29) Chrysene-d12	21.053	240	15248	0.400	ng		# 0.00
35) Perylene-d12	23.171	264	13573	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.062	112	6419	0.380	ng		-0.01
5) Phenol-d6	6.622	99	7576	0.386	ng		-0.01
8) Nitrobenzene-d5	8.568	82	5264	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	11.784	152	9914	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	1564	0.370	ng		0.00
15) 2-Fluorobiphenyl	12.683	172	15959	0.420	ng		-0.02
27) Fluoranthene-d10	18.871	212	20624	0.389	ng		-0.02
31) Terphenyl-d14	19.494	244	13104	0.430	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	2963	0.398	ng		89
3) n-Nitrosodimethylamine	3.372	42	3907	0.461	ng	#	83
6) bis(2-Chloroethyl)ether	6.867	93	6696	0.385	ng		96
9) Naphthalene	10.233	128	18975	0.403	ng		100
10) Hexachlorobutadiene	10.522	225	3722	0.420	ng	#	100
12) 2-Methylnaphthalene	11.856	142	12185	0.398	ng		98
16) Acenaphthylene	13.784	152	16390	0.410	ng		100
17) Acenaphthene	14.137	154	11993	0.418	ng		99
18) Fluorene	15.131	166	15616	0.415	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1015	0.398	ng	#	67
21) 4-Bromophenyl-phenylether	16.039	248	4765	0.403	ng		97
22) Hexachlorobenzene	16.138	284	5447	0.411	ng		94
23) Atrazine	16.324	200	3775	0.385	ng		99
24) Pentachlorophenol	16.486	266	1869	0.427	ng		99
25) Phenanthrene	16.870	178	24582	0.407	ng		100
26) Anthracene	16.957	178	19763	0.401	ng		100
28) Fluoranthene	18.904	202	27864	0.398	ng		99
30) Pyrene	19.271	202	28464	0.442	ng		100
32) Benzo(a)anthracene	21.035	228	19566	0.406	ng		99
33) Chrysene	21.089	228	24162	0.420	ng		98
34) Bis(2-ethylhexyl)phtha...	21.008	149	2410	0.120	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.250	276	20564	0.354	ng		99
37) Benzo(b)fluoranthene	22.543	252	22387	0.421	ng		99
38) Benzo(k)fluoranthene	22.587	252	24429	0.438	ng		96
39) Benzo(a)pyrene	23.078	252	17535	0.405	ng		97
40) Dibenzo(a,h)anthracene	25.268	278	15793	0.350	ng		99
41) Benzo(g,h,i)perylene	25.884	276	17206	0.339	ng		99

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

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