Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034135.D
Acq On : 21 Sep 2024 21:27
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 23 00:01:13 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	7632	0.400	ng		-0.01
7) Naphthalene-d8	10.180	136	22576	0.400	ng		-0.02
13) Acenaphthene-d10	14.072	164	12761	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	28073	0.400	ng		0.00
29) Chrysene-d12	21.044	240	19557	0.400	ng		-0.01
35) Perylene-d12	23.168	264	16717	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.062	112	7298	0.337	ng		-0.01
5) Phenol-d6	6.622	99	8536	0.339	ng		-0.01
8) Nitrobenzene-d5	8.568	82	6655	0.385	ng		0.00
11) 2-Methylnaphthalene-d10	11.780	152	12269	0.368	ng		-0.01
14) 2,4,6-Tribromophenol	15.579	330	1846	0.319	ng		0.00
15) 2-Fluorobiphenyl	12.683	172	20007	0.385	ng		-0.02
27) Fluoranthene-d10	18.871	212	25518	0.360	ng		-0.02
31) Terphenyl-d14	19.494	244	14749	0.378	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	3686	0.386	ng	#	87
3) n-Nitrosodimethylamine	3.372	42	4871	0.448	ng	#	84
6) bis(2-Chloroethyl)ether	6.867	93	8531	0.383	ng		97
9) Naphthalene	10.233	128	24298	0.392	ng		99
10) Hexachlorobutadiene	10.522	225	4606	0.395	ng	#	100
12) 2-Methylnaphthalene	11.855	142	15803	0.392	ng		99
16) Acenaphthylene	13.784	152	21446	0.393	ng		100
17) Acenaphthene	14.137	154	15859	0.405	ng		100
18) Fluorene	15.131	166	20589	0.400	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1402	0.407	ng	#	58
21) 4-Bromophenyl-phenylether	16.039	248	6302	0.399	ng		97
22) Hexachlorobenzene	16.138	284	7212	0.408	ng		97
23) Atrazine	16.324	200	4758	0.364	ng		97
24) Pentachlorophenol	16.486	266	2215	0.379	ng		99
25) Phenanthrene	16.870	178	32622	0.405	ng		100
26) Anthracene	16.957	178	26456	0.402	ng		99
28) Fluoranthene	18.904	202	36288	0.389	ng		100
30) Pyrene	19.271	202	36806	0.446	ng		100
32) Benzo(a)anthracene	21.035	228	25206	0.407	ng		99
33) Chrysene	21.080	228	30459	0.413	ng		100
34) Bis(2-ethylhexyl)phtha...	21.008	149	1940	0.075	ng	#	93
36) Indeno(1,2,3-cd)pyrene	25.247	276	25189	0.352	ng		99
37) Benzo(b)fluoranthene	22.543	252	27300	0.417	ng		98
38) Benzo(k)fluoranthene	22.584	252	29716	0.432	ng		97
39) Benzo(a)pyrene	23.075	252	21403	0.401	ng		97
40) Dibenzo(a,h)anthracene	25.265	278	19299	0.347	ng		99
41) Benzo(g,h,i)perylene	25.884	276	20827	0.333	ng		99

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

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