Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034848.D
Acq On : 04 Nov 2024 20:18
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 04 23:45:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 30 13:28:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	6946	0.400	ng		-0.01
7) Naphthalene-d8	10.351	136	21775	0.400	ng		#-0.02
13) Acenaphthene-d10	14.222	164	11088	0.400	ng		-0.01
19) Phenanthrene-d10	16.970	188	21807	0.400	ng		-0.01
29) Chrysene-d12	21.160	240	13250	0.400	ng		#-0.02
35) Perylene-d12	23.341	264	10244	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	7000	0.333	ng		0.00
5) Phenol-d6	6.766	99	9300	0.340	ng		-0.01
8) Nitrobenzene-d5	8.728	82	5736	0.335	ng		-0.01
11) 2-Methylnaphthalene-d10	11.950	152	10631	0.337	ng		-0.02
14) 2,4,6-Tribromophenol	15.716	330	1240	0.226	ng		-0.01
15) 2-Fluorobiphenyl	12.843	172	15433	0.353	ng		-0.02
27) Fluoranthene-d10	19.001	212	17483	0.342	ng		-0.01
31) Terphenyl-d14	19.614	244	9492	0.334	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	2791	0.367	ng		93
3) n-Nitrosodimethylamine	3.494	42	3580	0.417	ng	#	86
6) bis(2-Chloroethyl)ether	7.026	93	7541	0.378	ng		95
9) Naphthalene	10.404	128	21480	0.357	ng		99
10) Hexachlorobutadiene	10.703	225	3485	0.351	ng	#	100
12) 2-Methylnaphthalene	12.026	142	13370	0.339	ng		99
16) Acenaphthylene	13.933	152	17314	0.311	ng		100
17) Acenaphthene	14.286	154	12416	0.335	ng		98
18) Fluorene	15.270	166	15421	0.334	ng		100
20) 4,6-Dinitro-2-methylph...	15.355	198	723	0.353	ng	#	81
21) 4-Bromophenyl-phenylether	16.175	248	4301	0.341	ng	#	91
22) Hexachlorobenzene	16.275	284	5282	0.374	ng		96
23) Atrazine	16.448	200	3056	0.281	ng		97
24) Pentachlorophenol	16.622	266	1471	0.242	ng		97
25) Phenanthrene	17.007	178	23998	0.374	ng		100
26) Anthracene	17.094	178	20428	0.340	ng		100
28) Fluoranthene	19.034	202	25007	0.354	ng		99
30) Pyrene	19.396	202	25683	0.371	ng		100
32) Benzo(a)anthracene	21.142	228	18294	0.347	ng		100
33) Chrysene	21.196	228	19433	0.376	ng		100
34) Bis(2-ethylhexyl)phtha...	21.107	149	12489	0.283	ng		97
36) Indeno(1,2,3-cd)pyrene	25.504	276	14033	0.372	ng		95
37) Benzo(b)fluoranthene	22.689	252	16473	0.399	ng		98
38) Benzo(k)fluoranthene	22.733	252	16371	0.407	ng		96
39) Benzo(a)pyrene	23.244	252	11949	0.351	ng		95
40) Dibenzo(a,h)anthracene	25.522	278	10794	0.367	ng		99
41) Benzo(g,h,i)perylene	26.165	276	11582	0.365	ng		96

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

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