Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033526.D
Acq On : 21 Aug 2024 04:38
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 21 05:04:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	10942	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	28811	0.400	ng		# 0.00
13) Acenaphthene-d10	14.189	164	14170	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	27332	0.400	ng		#-0.01
29) Chrysene-d12	21.139	240	18082	0.400	ng		0.00
35) Perylene-d12	23.306	264	19316	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	11222	0.323	ng		0.00
5) Phenol-d6	6.736	99	14149	0.342	ng		0.00
8) Nitrobenzene-d5	8.681	82	8135	0.340	ng		-0.01
11) 2-Methylnaphthalene-d10	11.907	152	14758	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2137	0.281	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	21780	0.376	ng		-0.01
27) Fluoranthene-d10	18.975	212	22060	0.336	ng		0.00
31) Terphenyl-d14	19.588	244	14056	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4237	0.337	ng		97
3) n-Nitrosodimethylamine	3.479	42	5288	0.361	ng	#	88
6) bis(2-Chloroethyl)ether	6.989	93	10997	0.375	ng		98
9) Naphthalene	10.357	128	28150	0.366	ng		100
10) Hexachlorobutadiene	10.656	225	5697	0.371	ng	#	99
12) 2-Methylnaphthalene	11.983	142	17544	0.360	ng		99
16) Acenaphthylene	13.900	152	21201	0.341	ng		100
17) Acenaphthene	14.242	154	15641	0.358	ng		98
18) Fluorene	15.236	166	19115	0.347	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	1078	0.253	ng		86
21) 4-Bromophenyl-phenylether	16.135	248	5947	0.358	ng	#	81
22) Hexachlorobenzene	16.247	284	6868	0.375	ng		97
23) Atrazine	16.420	200	4340	0.328	ng	#	94
24) Pentachlorophenol	16.594	266	2181	0.275	ng		98
25) Phenanthrene	16.979	178	28061	0.369	ng		100
26) Anthracene	17.066	178	23095	0.343	ng		99
28) Fluoranthene	19.003	202	28976	0.345	ng		100
30) Pyrene	19.370	202	29104	0.361	ng		100
32) Benzo(a)anthracene	21.121	228	23845	0.365	ng		98
33) Chrysene	21.175	228	24639	0.379	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	18204	0.440	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.460	276	30242	0.377	ng		99
37) Benzo(b)fluoranthene	22.662	252	24793	0.344	ng		99
38) Benzo(k)fluoranthene	22.706	252	25689	0.362	ng		99
39) Benzo(a)pyrene	23.212	252	20244	0.339	ng		97
40) Dibenzo(a,h)anthracene	25.478	278	23918	0.373	ng		99
41) Benzo(g,h,i)perylene	26.112	276	24647	0.359	ng		99

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

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