Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029296.D
Acq On : 19 Jan 2024 09:52
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 19 10:56:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	3711	0.400	ng	0.00
7) Naphthalene-d8	10.733	136	10327	0.400	ng	#-0.01
13) Acenaphthene-d10	14.575	164	5993	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	14306	0.400	ng	0.00
29) Chrysene-d12	21.528	240	12562	0.400	ng	# 0.00
35) Perylene-d12	23.938	264	13872	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.500	112	3237	0.352	ng	0.00
5) Phenol-d6	7.096	99	4253	0.349	ng	0.00
8) Nitrobenzene-d5	9.100	82	3406	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	6829	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	757	0.412	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	10156	0.364	ng	0.00
27) Fluoranthene-d10	19.364	212	16008	0.369	ng	0.00
31) Terphenyl-d14	19.968	244	11676	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	1755	0.387	ng	95
3) n-Nitrosodimethylamine	3.745	42	1420	0.315	ng	# 94
6) bis(2-Chloroethyl)ether	7.371	93	4007	0.350	ng	98
9) Naphthalene	10.787	128	11135	0.346	ng	100
10) Hexachlorobutadiene	11.064	225	2431	0.349	ng	# 99
12) 2-Methylnaphthalene	12.401	142	7322	0.339	ng	99
16) Acenaphthylene	14.297	152	10142	0.333	ng	99
17) Acenaphthene	14.639	154	7051	0.341	ng	99
18) Fluorene	15.617	166	9647	0.341	ng	100
20) 4,6-Dinitro-2-methylph...	15.704	198	620	0.387	ng	96
21) 4-Bromophenyl-phenylether	16.523	248	2989	0.393	ng	100
22) Hexachlorobenzene	16.622	284	4312	0.346	ng	99
23) Atrazine	16.796	200	2228	0.317	ng	97
24) Pentachlorophenol	16.970	266	1256	0.327	ng	94
25) Phenanthrene	17.367	178	15923	0.333	ng	100
26) Anthracene	17.454	178	13551	0.325	ng	99
28) Fluoranthene	19.392	202	18825	0.321	ng	100
30) Pyrene	19.754	202	18789	0.354	ng	100
32) Benzo(a)anthracene	21.510	228	16078	0.332	ng	99
33) Chrysene	21.564	228	18218	0.352	ng	99
34) Bis(2-ethylhexyl)phtha...	21.465	149	6794	0.311	ng	100
36) Indeno(1,2,3-cd)pyrene	26.434	276	18792	0.303	ng	99
37) Benzo(b)fluoranthene	23.204	252	17644	0.302	ng	98
38) Benzo(k)fluoranthene	23.253	252	17341	0.305	ng	99
39) Benzo(a)pyrene	23.832	252	13994	0.297	ng	98
40) Dibenzo(a,h)anthracene	26.467	278	15334	0.306	ng	97
41) Benzo(g,h,i)perylene	27.198	276	16570	0.314	ng	98

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

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