Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
Data File : BN024273.D
Acq On : 14 Mar 2023 10:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Quant Time: Mar 15 01:43:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 03:11:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	9860	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	28361	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	14451	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	29892	0.400	ng		0.00
29) Chrysene-d12	21.610	240	22689	0.400	ng	#	0.00
35) Perylene-d12	24.126	264	18741	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.585	112	8628	0.395	ng		0.00
5) Phenol-d6	7.188	99	10835	0.386	ng		0.00
8) Nitrobenzene-d5	9.211	82	7477	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	12771	0.366	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	2379	0.322	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	20900	0.383	ng		0.00
27) Fluoranthene-d10	19.450	212	22459	0.354	ng		0.00
31) Terphenyl-d14	20.043	244	13954	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	4313	0.402	ng		99
3) n-Nitrosodimethylamine	3.765	42	6384	0.406	ng		99
6) bis(2-Chloroethyl)ether	7.462	93	11086	0.398	ng		99
9) Naphthalene	10.909	128	27531	0.382	ng		99
10) Hexachlorobutadiene	11.197	225	5235	0.383	ng	#	100
12) 2-Methylnaphthalene	12.516	142	17807	0.366	ng		98
16) Acenaphthylene	14.397	152	24560	0.358	ng		100
17) Acenaphthene	14.740	154	15956	0.366	ng		99
18) Fluorene	15.712	166	18743	0.359	ng		98
20) 4,6-Dinitro-2-methylph...	15.787	198	994	0.356	ng	#	76
21) 4-Bromophenyl-phenylether	16.606	248	6165	0.347	ng	#	75
22) Hexachlorobenzene	16.730	284	7834	0.359	ng		99
23) Atrazine	16.867	200	3772	0.334	ng	#	89
24) Pentachlorophenol	17.065	266	2858	0.344	ng		98
25) Phenanthrene	17.463	178	32508	0.367	ng		100
26) Anthracene	17.549	178	28089	0.344	ng		100
28) Fluoranthene	19.480	202	34427	0.355	ng		100
30) Pyrene	19.842	202	34945	0.380	ng		100
32) Benzo(a)anthracene	21.601	228	27106	0.358	ng		99
33) Chrysene	21.655	228	29997	0.371	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	12533	0.351	ng		99
36) Indeno(1,2,3-cd)pyrene	26.763	276	23858	0.340	ng		99
37) Benzo(b)fluoranthene	23.357	252	25380	0.348	ng		99
38) Benzo(k)fluoranthene	23.407	252	27196m	0.362	ng		
39) Benzo(a)pyrene	24.021	252	23778	0.356	ng		98
40) Dibenzo(a,h)anthracene	26.784	278	18148	0.334	ng		99
41) Benzo(g,h,i)perylene	27.573	276	22762	0.359	ng		99

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

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