Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
Data File : BN024553.D
Acq On : 24 Mar 2023 19:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 25 00:27:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 00:22:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.018	152	8332	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	23814	0.400	ng		0.00
13) Acenaphthene-d10	14.654	164	11975	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	25659	0.400	ng		0.00
29) Chrysene-d12	21.592	240	16242	0.400	ng		0.00
35) Perylene-d12	24.094	264	13160	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	8545	0.463	ng		0.00
5) Phenol-d6	7.173	99	10606	0.447	ng		0.00
8) Nitrobenzene-d5	9.179	82	8757	0.550	ng		-0.01
11) 2-Methylnaphthalene-d10	12.418	152	13607	0.465	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	2325	0.380	ng		0.00
15) 2-Fluorobiphenyl	13.285	172	21878	0.484	ng		0.00
27) Fluoranthene-d10	19.429	212	24896	0.458	ng		0.00
31) Terphenyl-d14	20.016	244	14267	0.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	4014	0.443	ng		95
3) n-Nitrosodimethylamine	3.757	42	6369	0.479	ng	#	95
6) bis(2-Chloroethyl)ether	7.440	93	10599	0.451	ng		98
9) Naphthalene	10.887	128	28452	0.470	ng		99
10) Hexachlorobutadiene	11.176	225	5642	0.491	ng	#	100
12) 2-Methylnaphthalene	12.490	142	18541	0.453	ng		99
16) Acenaphthylene	14.376	152	24453	0.431	ng		100
17) Acenaphthene	14.718	154	16172	0.447	ng		97
18) Fluorene	15.702	166	20248	0.469	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	722	0.329	ng	#	61
21) 4-Bromophenyl-phenylether	16.593	248	6651	0.436	ng		98
22) Hexachlorobenzene	16.705	284	8268	0.442	ng		100
23) Atrazine	16.854	200	3966	0.410	ng		96
24) Pentachlorophenol	17.053	266	2435	0.342	ng		99
25) Phenanthrene	17.438	178	33626	0.442	ng		99
26) Anthracene	17.537	178	28983	0.413	ng		99
28) Fluoranthene	19.459	202	36322	0.436	ng		98
30) Pyrene	19.821	202	36677	0.557	ng		100
32) Benzo(a)anthracene	21.574	228	24713	0.456	ng		100
33) Chrysene	21.628	228	28383	0.490	ng		100
34) Bis(2-ethylhexyl)phtha...	21.484	149	13645	0.535	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.702	276	21038	0.427	ng		97
37) Benzo(b)fluoranthene	23.322	252	23576	0.461	ng		94
38) Benzo(k)fluoranthene	23.380	252	22446	0.425	ng		94
39) Benzo(a)pyrene	23.977	252	20270	0.432	ng		92
40) Dibenzo(a,h)anthracene	26.728	278	15704	0.411	ng		95
41) Benzo(g,h,i)perylene	27.514	276	20379	0.457	ng		98

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

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