Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024520.D
Acq On : 23 Mar 2023 20:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 24 02:38:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 02:34:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	11005	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	32187	0.400	ng	#	0.00
13) Acenaphthene-d10	14.654	164	17163	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	35546	0.400	ng	#	0.00
29) Chrysene-d12	21.592	240	25191	0.400	ng		0.00
35) Perylene-d12	24.082	264	19421	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	10223	0.420	ng		0.00
5) Phenol-d6	7.180	99	12505	0.399	ng		0.00
8) Nitrobenzene-d5	9.190	82	9984	0.464	ng		0.00
11) 2-Methylnaphthalene-d10	12.422	152	15856	0.401	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	2788	0.318	ng		0.00
15) 2-Fluorobiphenyl	13.286	172	25520	0.394	ng		0.00
27) Fluoranthene-d10	19.433	212	29125	0.386	ng		0.00
31) Terphenyl-d14	20.025	244	17121	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	4707	0.393	ng		99
3) n-Nitrosodimethylamine	3.757	42	7055	0.402	ng		99
6) bis(2-Chloroethyl)ether	7.440	93	12319	0.397	ng		99
9) Naphthalene	10.887	128	33338	0.407	ng		99
10) Hexachlorobutadiene	11.176	225	6520	0.420	ng	#	100
12) 2-Methylnaphthalene	12.493	142	22039	0.399	ng		98
16) Acenaphthylene	14.376	152	29938	0.368	ng		100
17) Acenaphthene	14.718	154	19813	0.382	ng		97
18) Fluorene	15.702	166	23433	0.378	ng		98
20) 4,6-Dinitro-2-methylph...	15.774	198	819	0.302	ng	#	73
21) 4-Bromophenyl-phenylether	16.594	248	8182	0.387	ng	#	95
22) Hexachlorobenzene	16.705	284	10114	0.390	ng		98
23) Atrazine	16.854	200	5071	0.378	ng	#	95
24) Pentachlorophenol	17.053	266	2967	0.317	ng		100
25) Phenanthrene	17.438	178	40775	0.387	ng		100
26) Anthracene	17.537	178	35090	0.361	ng		99
28) Fluoranthene	19.463	202	44086	0.382	ng		98
30) Pyrene	19.825	202	45137	0.442	ng		100
32) Benzo(a)anthracene	21.574	228	32237	0.383	ng		99
33) Chrysene	21.628	228	35962	0.401	ng		99
34) Bis(2-ethylhexyl)phtha...	21.484	149	17674	0.446	ng		99
36) Indeno(1,2,3-cd)pyrene	26.673	276	28463	0.391	ng		95
37) Benzo(b)fluoranthene	23.319	252	30627	0.405	ng		97
38) Benzo(k)fluoranthene	23.366	252	30315	0.389	ng		97
39) Benzo(a)pyrene	23.965	252	27039	0.390	ng		94
40) Dibenzo(a,h)anthracene	26.693	278	21989	0.390	ng		97
41) Benzo(g,h,i)perylene	27.474	276	26089	0.397	ng		97

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

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