Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023979.D
Acq On : 07 Feb 2023 20:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 08 02:13:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 01:53:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4087	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	10156	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6047	0.400	ng		0.00
19) Phenanthrene-d10	17.241	188	14415	0.400	ng		0.00
29) Chrysene-d12	21.428	240	14939	0.400	ng		0.00
35) Perylene-d12	23.819	264	12736	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3163	0.372	ng		0.00
5) Phenol-d6	7.009	99	3634	0.363	ng		0.00
8) Nitrobenzene-d5	9.003	82	2824	0.346	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	4840	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.987	330	1056	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	8631	0.361	ng		0.00
27) Fluoranthene-d10	19.271	212	12954	0.370	ng		0.00
31) Terphenyl-d14	19.869	244	9144	0.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1543	0.398	ng		99
3) n-Nitrosodimethylamine	3.600	42	1527	0.352	ng	#	100
6) bis(2-Chloroethyl)ether	7.269	93	3750	0.375	ng		99
9) Naphthalene	10.690	128	9269	0.366	ng		99
10) Hexachlorobutadiene	10.979	225	2405	0.362	ng	#	100
12) 2-Methylnaphthalene	12.310	142	5961	0.354	ng		98
16) Acenaphthylene	14.206	152	7817	0.332	ng		99
17) Acenaphthene	14.549	154	5708	0.356	ng		99
18) Fluorene	15.543	166	7818	0.360	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	701	0.401	ng	#	79
21) 4-Bromophenyl-phenylether	16.434	248	3017	0.322	ng		99
22) Hexachlorobenzene	16.545	284	3726	0.331	ng		100
23) Atrazine	16.719	200	1912	0.312	ng		98
24) Pentachlorophenol	16.893	266	1196	0.387	ng		95
25) Phenanthrene	17.278	178	13815	0.347	ng		99
26) Anthracene	17.377	178	10798	0.330	ng		99
28) Fluoranthene	19.304	202	16836	0.369	ng		99
30) Pyrene	19.667	202	17001	0.328	ng		100
32) Benzo(a)anthracene	21.419	228	16415	0.343	ng		99
33) Chrysene	21.464	228	18448	0.358	ng		99
34) Bis(2-ethylhexyl)phtha...	21.347	149	6770	0.310	ng		99
36) Indeno(1,2,3-cd)pyrene	26.299	276	19245	0.333	ng		100
37) Benzo(b)fluoranthene	23.094	252	17940	0.348	ng		98
38) Benzo(k)fluoranthene	23.138	252	17547	0.344	ng		98
39) Benzo(a)pyrene	23.720	252	13317	0.341	ng		96
40) Dibenzo(a,h)anthracene	26.316	278	15130	0.327	ng		99
41) Benzo(g,h,i)perylene	27.070	276	16052	0.327	ng		98

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

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