Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027281.D
Acq On : 30 Aug 2023 19:52
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 31 04:29:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.066	152	4948	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13691	0.400	ng	#	0.00
13) Acenaphthene-d10	14.694	164	8351	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	19800	0.400	ng	#	0.00
29) Chrysene-d12	21.623	240	17078	0.400	ng	#	0.00
35) Perylene-d12	24.148	264	15834	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	4686	0.363	ng		0.00
5) Phenol-d6	7.207	99	5824	0.371	ng		0.00
8) Nitrobenzene-d5	9.251	82	3857	0.387	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7677	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1067	0.345	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	12019	0.378	ng		0.00
27) Fluoranthene-d10	19.467	212	18009	0.366	ng		0.00
31) Terphenyl-d14	20.048	244	12061	0.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2369	0.392	ng		96
3) n-Nitrosodimethylamine	3.805	42	2613	0.408	ng		91
6) bis(2-Chloroethyl)ether	7.496	93	5833	0.385	ng		98
9) Naphthalene	10.938	128	14196	0.380	ng		100
10) Hexachlorobutadiene	11.173	225	2696	0.387	ng	#	98
12) 2-Methylnaphthalene	12.540	142	10046	0.378	ng		100
16) Acenaphthylene	14.427	152	13795	0.363	ng		100
17) Acenaphthene	14.758	154	9752	0.385	ng		98
18) Fluorene	15.742	166	13034	0.385	ng		100
20) 4,6-Dinitro-2-methylph...	16.897	198	112	0.397	ng		81
21) 4-Bromophenyl-phenylether	16.624	248	3729	0.357	ng	#	78
22) Hexachlorobenzene	16.710	284	4661	0.376	ng		98
23) Atrazine	16.897	200	2674	0.342	ng		97
24) Pentachlorophenol	17.070	266	1565	0.328	ng		99
25) Phenanthrene	17.480	178	21984	0.378	ng		99
26) Anthracene	17.579	178	17636	0.357	ng		99
28) Fluoranthene	19.495	202	25594	0.374	ng		99
30) Pyrene	19.857	202	25990	0.383	ng		100
32) Benzo(a)anthracene	21.605	228	20731	0.354	ng		99
33) Chrysene	21.659	228	24857	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	9574	0.339	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.823	276	21537	0.335	ng		98
37) Benzo(b)fluoranthene	23.358	252	23347	0.381	ng		99
38) Benzo(k)fluoranthene	23.414	252	22665	0.360	ng		99
39) Benzo(a)pyrene	24.034	252	20698	0.361	ng		99
40) Dibenzo(a,h)anthracene	26.849	278	16788	0.333	ng		99
41) Benzo(g,h,i)perylene	27.653	276	19976	0.342	ng		99

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

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