Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029417.D
Acq On : 30 Jan 2024 18:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 31 02:32:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3539	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9422	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4074	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	7843	0.400	ng		0.00
29) Chrysene-d12	21.492	240	5533	0.400	ng	#	0.00
35) Perylene-d12	23.873	264	5442	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	3042	0.358	ng		0.00
5) Phenol-d6	7.060	99	3444	0.351	ng		0.00
8) Nitrobenzene-d5	9.057	82	2958	0.377	ng		-0.01
11) 2-Methylnaphthalene-d10	12.291	152	4718	0.368	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	457	0.350	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6778	0.388	ng		-0.01
27) Fluoranthene-d10	19.327	212	7077	0.373	ng		0.00
31) Terphenyl-d14	19.931	244	5251	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1781	0.357	ng		96
3) n-Nitrosodimethylamine	3.716	42	1373	0.338	ng	#	97
6) bis(2-Chloroethyl)ether	7.334	93	3469	0.371	ng		99
9) Naphthalene	10.744	128	10124	0.377	ng		99
10) Hexachlorobutadiene	11.021	225	2025	0.398	ng	#	99
12) 2-Methylnaphthalene	12.363	142	5712	0.362	ng		98
16) Acenaphthylene	14.254	152	7158	0.370	ng		99
17) Acenaphthene	14.597	154	4877	0.375	ng		99
18) Fluorene	15.580	166	6097	0.374	ng		100
20) 4,6-Dinitro-2-methylph...	15.667	198	446	0.387	ng		84
21) 4-Bromophenyl-phenylether	16.486	248	1811	0.388	ng	#	86
22) Hexachlorobenzene	16.585	284	2266	0.396	ng		99
23) Atrazine	16.759	200	1268	0.382	ng		95
24) Pentachlorophenol	16.933	266	624	0.344	ng		96
25) Phenanthrene	17.330	178	8682	0.374	ng		99
26) Anthracene	17.417	178	7239	0.366	ng		99
28) Fluoranthene	19.355	202	9768	0.374	ng		99
30) Pyrene	19.717	202	9861	0.387	ng		100
32) Benzo(a)anthracene	21.474	228	6935	0.367	ng		100
33) Chrysene	21.528	228	8398	0.391	ng		99
34) Bis(2-ethylhexyl)phtha...	21.420	149	4618	0.359	ng		98
36) Indeno(1,2,3-cd)pyrene	26.338	276	7848	0.359	ng	#	90
37) Benzo(b)fluoranthene	23.148	252	7432	0.382	ng		100
38) Benzo(k)fluoranthene	23.195	252	7605	0.373	ng		99
39) Benzo(a)pyrene	23.768	252	6403	0.378	ng		99
40) Dibenzo(a,h)anthracene	26.370	278	6618	0.380	ng		98
41) Benzo(g,h,i)perylene	27.092	276	7918	0.373	ng		97

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

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