Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029287.D
Acq On : 18 Jan 2024 13:39
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jan 18 16:43:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:38:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	4865	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	13690	0.400	ng		0.00
13) Acenaphthene-d10	14.575	164	8081	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	19200	0.400	ng		0.00
29) Chrysene-d12	21.519	240	17279	0.400	ng		0.00
35) Perylene-d12	23.932	264	18888	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	4066	0.337	ng		0.00
5) Phenol-d6	7.103	99	5362	0.335	ng		0.00
8) Nitrobenzene-d5	9.099	82	4455	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	8540	0.366	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	828	0.334	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	13447	0.357	ng		0.00
27) Fluoranthene-d10	19.359	212	20465	0.351	ng		0.00
31) Terphenyl-d14	19.968	244	16074	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	2627	0.442	ng		100
3) n-Nitrosodimethylamine	3.745	42	1929	0.326	ng		100
6) bis(2-Chloroethyl)ether	7.378	93	5193	0.346	ng		100
9) Naphthalene	10.786	128	14527	0.341	ng		100
10) Hexachlorobutadiene	11.064	225	3214	0.348	ng	#	100
12) 2-Methylnaphthalene	12.405	142	9686	0.338	ng		100
16) Acenaphthylene	14.297	152	13605	0.331	ng		100
17) Acenaphthene	14.639	154	9510	0.341	ng		100
18) Fluorene	15.617	166	12855	0.337	ng		100
20) 4,6-Dinitro-2-methylph...	15.704	198	795	0.376	ng		100
21) 4-Bromophenyl-phenylether	16.523	248	3442	0.337	ng		100
22) Hexachlorobenzene	16.622	284	5671	0.339	ng		100
23) Atrazine	16.796	200	3051	0.323	ng		100
24) Pentachlorophenol	16.970	266	1652	0.307	ng		100
25) Phenanthrene	17.367	178	21461	0.335	ng		100
26) Anthracene	17.454	178	18145	0.324	ng		100
28) Fluoranthene	19.392	202	25739	0.327	ng		100
30) Pyrene	19.754	202	25596	0.351	ng		100
32) Benzo(a)anthracene	21.510	228	22281	0.334	ng		100
33) Chrysene	21.564	228	24031	0.338	ng		100
34) Bis(2-ethylhexyl)phtha...	21.456	149	9508	0.316	ng		100
36) Indeno(1,2,3-cd)pyrene	26.423	276	24935	0.295	ng		100
37) Benzo(b)fluoranthene	23.198	252	23651	0.297	ng		100
38) Benzo(k)fluoranthene	23.247	252	23352	0.302	ng		100
39) Benzo(a)pyrene	23.826	252	17949	0.280	ng		100
40) Dibenzo(a,h)anthracene	26.458	278	20084	0.295	ng		100
41) Benzo(g,h,i)perylene	27.189	276	22058	0.307	ng		100

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

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