Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023698.D
Acq On : 18 Jan 2023 11:58
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 18 13:49:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 13:48:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	4261	0.400	ng		0.00
7) Naphthalene-d8	10.808	136	11341	0.400	ng		0.00
13) Acenaphthene-d10	14.634	164	6262	0.400	ng		-0.01
19) Phenanthrene-d10	17.390	188	14165	0.400	ng		0.00
29) Chrysene-d12	21.580	240	12228	0.400	ng		0.00
35) Perylene-d12	24.050	264	10286	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	1777	0.188	ng		0.00
5) Phenol-d6	7.147	99	2069	0.179	ng		0.00
8) Nitrobenzene-d5	9.153	82	1681	0.189	ng		0.00
11) 2-Methylnaphthalene-d10	12.397	152	2891	0.175	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	477	0.155	ng		0.00
15) 2-Fluorobiphenyl	13.266	172	5205	0.210	ng		0.00
27) Fluoranthene-d10	19.422	212	6426	0.186	ng		0.00
31) Terphenyl-d14	20.022	244	3769	0.132	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	869	0.212	ng		95
3) n-Nitrosodimethylamine	3.694	42	988	0.200	ng	#	97
6) bis(2-Chloroethyl)ether	7.407	93	2256	0.201	ng		99
9) Naphthalene	10.861	128	5684	0.196	ng		98
10) Hexachlorobutadiene	11.150	225	1163	0.199	ng	#	99
12) 2-Methylnaphthalene	12.473	142	4116	0.197	ng		99
16) Acenaphthylene	14.356	152	4384	0.168	ng		99
17) Acenaphthene	14.698	154	3317	0.189	ng		99
18) Fluorene	15.693	166	4819	0.197	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	346	0.157	ng	#	51
21) 4-Bromophenyl-phenylether	16.583	248	1466	0.176	ng		97
22) Hexachlorobenzene	16.695	284	1857	0.185	ng		100
23) Atrazine	16.856	200	1077	0.168	ng		97
24) Pentachlorophenol	17.042	266	525	0.142	ng		91
25) Phenanthrene	17.427	178	7684	0.190	ng		99
26) Anthracene	17.526	178	5950	0.178	ng		99
28) Fluoranthene	19.452	202	8398	0.185	ng		99
30) Pyrene	19.814	202	8544	0.187	ng		100
32) Benzo(a)anthracene	21.563	228	7210	0.177	ng		98
33) Chrysene	21.616	228	8560	0.205	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	3650	0.146	ng		98
36) Indeno(1,2,3-cd)pyrene	26.641	276	8607	0.224	ng		100
37) Benzo(b)fluoranthene	23.290	252	7782	0.197	ng	#	92
38) Benzo(k)fluoranthene	23.340	252	7899m	0.203	ng		
39) Benzo(a)pyrene	23.936	252	5540	0.184	ng	#	87
40) Dibenzo(a,h)anthracene	26.661	278	6829	0.233	ng		94
41) Benzo(g,h,i)perylene	27.439	276	7404	0.219	ng		98

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

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