Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029381.D
Acq On : 25 Jan 2024 11:31
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 26 01:37:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:37:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	4815	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	13316	0.400	ng		0.00
13) Acenaphthene-d10	14.543	164	7094	0.400	ng		-0.01
19) Phenanthrene-d10	17.305	188	16012	0.400	ng		0.00
29) Chrysene-d12	21.510	240	13051	0.400	ng		0.00
35) Perylene-d12	23.905	264	13761	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	1414	0.107	ng		0.00
5) Phenol-d6	7.067	99	1938	0.110	ng		0.00
8) Nitrobenzene-d5	9.067	82	1536	0.110	ng		-0.01
11) 2-Methylnaphthalene-d10	12.299	152	2062	0.097	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	342	0.109	ng		-0.01
15) 2-Fluorobiphenyl	13.175	172	3493	0.107	ng		0.00
27) Fluoranthene-d10	19.341	212	4425	0.096	ng		0.00
31) Terphenyl-d14	19.949	244	3659	0.113	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	712	0.110	ng		91
3) n-Nitrosodimethylamine	3.723	42	565	0.089	ng	#	89
6) bis(2-Chloroethyl)ether	7.342	93	1718	0.104	ng		98
9) Naphthalene	10.754	128	4405	0.104	ng		95
10) Hexachlorobutadiene	11.032	225	816	0.105	ng	#	97
12) 2-Methylnaphthalene	12.374	142	2801	0.103	ng		99
16) Acenaphthylene	14.265	152	3674	0.098	ng		99
17) Acenaphthene	14.607	154	2570	0.103	ng		100
18) Fluorene	15.592	166	3383	0.102	ng		100
21) 4-Bromophenyl-phenylether	16.498	248	1156	0.106	ng		93
22) Hexachlorobenzene	16.598	284	1305	0.105	ng		97
23) Atrazine	16.771	200	775	0.095	ng		93
25) Phenanthrene	17.342	178	5778	0.106	ng		98
26) Anthracene	17.429	178	4865	0.101	ng		98
28) Fluoranthene	19.373	202	6286	0.098	ng		100
30) Pyrene	19.736	202	6505	0.110	ng		99
32) Benzo(a)anthracene	21.492	228	5268	0.099	ng		98
33) Chrysene	21.546	228	5745	0.104	ng		98
34) Bis(2-ethylhexyl)phtha...	21.447	149	4579	0.140	ng		99
36) Indeno(1,2,3-cd)pyrene	26.379	276	5399	0.091	ng		99
37) Benzo(b)fluoranthene	23.174	252	5553	0.095	ng	#	89
38) Benzo(k)fluoranthene	23.224	252	5369	0.095	ng	#	87
39) Benzo(a)pyrene	23.797	252	4305	0.092	ng	#	85
40) Dibenzo(a,h)anthracene	26.411	278	4272	0.089	ng		92
41) Benzo(g,h,i)perylene	27.142	276	4906	0.094	ng		97

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

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