Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029382.D
Acq On : 25 Jan 2024 12:07
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 26 01:38:04 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	7.912	152	3316	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	9174	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	4796	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	10605	0.400	ng		0.00
29) Chrysene-d12	21.510	240	8758	0.400	ng		0.00
35) Perylene-d12	23.902	264	9041	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.478	112	1858	0.205	ng		0.00
5) Phenol-d6	7.074	99	2475	0.203	ng		0.00
8) Nitrobenzene-d5	9.078	82	2013	0.208	ng		0.00
11) 2-Methylnaphthalene-d10	12.303	152	2800	0.191	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	430	0.204	ng		0.00
15) 2-Fluorobiphenyl	13.175	172	4662	0.210	ng		0.00
27) Fluoranthene-d10	19.341	212	5752	0.188	ng		0.00
31) Terphenyl-d14	19.949	244	4492	0.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	873	0.195	ng		96
3) n-Nitrosodimethylamine	3.723	42	793	0.182	ng	#	96
6) bis(2-Chloroethyl)ether	7.349	93	2289	0.202	ng		99
9) Naphthalene	10.754	128	5981	0.205	ng		96
10) Hexachlorobutadiene	11.043	225	1102	0.206	ng	#	99
12) 2-Methylnaphthalene	12.374	142	3683	0.196	ng		98
16) Acenaphthylene	14.265	152	4845	0.191	ng		99
17) Acenaphthene	14.607	154	3435	0.203	ng		98
18) Fluorene	15.605	166	4491	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	294	0.249	ng	#	43
21) 4-Bromophenyl-phenylether	16.498	248	1451	0.202	ng		97
22) Hexachlorobenzene	16.598	284	1655	0.200	ng		98
23) Atrazine	16.771	200	1023	0.189	ng		96
24) Pentachlorophenol	16.945	266	480	0.239	ng		97
25) Phenanthrene	17.342	178	7216	0.200	ng		99
26) Anthracene	17.442	178	6043	0.190	ng		99
28) Fluoranthene	19.373	202	7933	0.187	ng		100
30) Pyrene	19.736	202	8133	0.204	ng		100
32) Benzo(a)anthracene	21.492	228	7075	0.198	ng		99
33) Chrysene	21.546	228	7402	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	4545	0.208	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.379	276	7248	0.185	ng		99
37) Benzo(b)fluoranthene	23.177	252	7456	0.195	ng		92
38) Benzo(k)fluoranthene	23.224	252	7120	0.191	ng	#	93
39) Benzo(a)pyrene	23.797	252	5826	0.189	ng		92
40) Dibenzo(a,h)anthracene	26.411	278	5662	0.180	ng		96
41) Benzo(g,h,i)perylene	27.139	276	6503	0.190	ng		96

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

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