Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030454.D
Acq On : 21 Mar 2024 19:40
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 21 23:58:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	10126	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	28261	0.400	ng		0.00
13) Acenaphthene-d10	14.361	164	14928	0.400	ng		0.00
19) Phenanthrene-d10	17.106	188	31989	0.400	ng		0.00
29) Chrysene-d12	21.304	240	23991	0.400	ng		0.00
35) Perylene-d12	23.560	264	21049	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	41825	1.671	ng		0.00
5) Phenol-d6	6.887	99	55237	1.689	ng		0.00
8) Nitrobenzene-d5	8.875	82	36165	1.662	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	69589	1.691	ng		0.00
14) 2,4,6-Tribromophenol	15.853	330	8967	1.650	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	105449	1.636	ng		0.00
27) Fluoranthene-d10	19.145	212	136269	1.708	ng		0.00
31) Terphenyl-d14	19.754	244	89866	1.671	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	20978	1.604	ng		97
3) n-Nitrosodimethylamine	3.557	42	21452	1.702	ng	#	99
6) bis(2-Chloroethyl)ether	7.161	93	52816	1.687	ng		100
9) Naphthalene	10.562	128	137491	1.683	ng		99
10) Hexachlorobutadiene	10.850	225	25145	1.652	ng	#	99
12) 2-Methylnaphthalene	12.182	142	88819	1.701	ng		99
16) Acenaphthylene	14.083	152	129592	1.689	ng		100
17) Acenaphthene	14.425	154	87491	1.703	ng		99
18) Fluorene	15.420	166	115616	1.687	ng		99
20) 4,6-Dinitro-2-methylph...	15.484	198	5003	1.546	ng	#	62
21) 4-Bromophenyl-phenylether	16.312	248	34940	1.688	ng		98
22) Hexachlorobenzene	16.411	284	42189	1.688	ng		100
23) Atrazine	16.585	200	25703	1.723	ng		99
24) Pentachlorophenol	16.759	266	12942	1.508	ng		99
25) Phenanthrene	17.156	178	173536	1.696	ng		100
26) Anthracene	17.243	178	156518	1.736	ng		100
28) Fluoranthene	19.178	202	199711	1.725	ng		100
30) Pyrene	19.540	202	200738	1.674	ng		100
32) Benzo(a)anthracene	21.286	228	164431	1.693	ng		98
33) Chrysene	21.340	228	172744	1.676	ng		99
34) Bis(2-ethylhexyl)phtha...	21.250	149	68076	1.653	ng		99
36) Indeno(1,2,3-cd)pyrene	25.850	276	150027	1.762	ng		98
37) Benzo(b)fluoranthene	22.885	252	162124	1.755	ng		97
38) Benzo(k)fluoranthene	22.932	252	158822	1.726	ng		96
39) Benzo(a)pyrene	23.464	252	124386	1.743	ng		94
40) Dibenzo(a,h)anthracene	25.873	278	122532	1.791	ng		97
41) Benzo(g,h,i)perylene	26.540	276	130205	1.726	ng		98

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

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