Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034570.D
Acq On : 14 Oct 2024 14:24
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 14 17:37:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 16:58:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.358	152	4866	0.400	ng		0.00
7) Naphthalene-d8	10.116	136	14277	0.400	ng		0.00
13) Acenaphthene-d10	14.015	164	8368	0.400	ng		0.00
19) Phenanthrene-d10	16.778	188	17846	0.400	ng		0.00
29) Chrysene-d12	21.006	240	6245	0.400	ng		0.00
35) Perylene-d12	23.108	264	10676	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.004	112	11032	0.836	ng		0.00
5) Phenol-d6	6.564	99	11875	0.869	ng		0.00
8) Nitrobenzene-d5	8.504	82	8061	0.866	ng		-0.01
11) 2-Methylnaphthalene-d10	11.720	152	18424	0.861	ng		0.00
14) 2,4,6-Tribromophenol	15.524	330	3104	0.837	ng		0.00
15) 2-Fluorobiphenyl	12.626	172	24654	0.854	ng		-0.01
27) Fluoranthene-d10	18.822	212	34537	0.796	ng		0.00
31) Terphenyl-d14	19.445	244	22428	0.686	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.018	88	4726	0.805	ng		95
3) n-Nitrosodimethylamine	3.321	42	4605	0.861	ng		99
6) bis(2-Chloroethyl)ether	6.809	93	9885	0.884	ng		97
9) Naphthalene	10.159	128	31656	0.848	ng		100
10) Hexachlorobutadiene	10.458	225	6820	0.837	ng	#	100
12) 2-Methylnaphthalene	11.795	142	20772	0.863	ng		99
16) Acenaphthylene	13.727	152	28966	0.851	ng		100
17) Acenaphthene	14.079	154	20727	0.860	ng		100
18) Fluorene	15.074	166	26989	0.877	ng		100
20) 4,6-Dinitro-2-methylph...	16.269	198	197	0.803	ng	#	69
21) 4-Bromophenyl-phenylether	15.984	248	8112	0.837	ng		99
22) Hexachlorobenzene	16.083	284	10712	0.819	ng		99
23) Atrazine	16.269	200	6518	0.845	ng		95
24) Pentachlorophenol	16.443	266	2818	0.753	ng		97
25) Phenanthrene	16.815	178	39349	0.836	ng		100
26) Anthracene	16.902	178	33715	0.825	ng		99
28) Fluoranthene	18.850	202	43086	0.803	ng		99
30) Pyrene	19.217	202	42900	0.700	ng		100
33) Chrysene	21.033	228	38238	0.683	ng		100
36) Indeno(1,2,3-cd)pyrene	25.160	276	35734	0.862	ng		100
37) Benzo(b)fluoranthene	22.488	252	30588	0.857	ng		94
38) Benzo(k)fluoranthene	22.529	252	34707	0.854	ng	#	94
39) Benzo(a)pyrene	23.017	252	25751	0.831	ng	#	91
40) Dibenzo(a,h)anthracene	25.178	278	27443	0.865	ng		95
41) Benzo(g,h,i)perylene	25.783	276	32710	0.862	ng		99

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

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