Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034690.D
Acq On : 24 Oct 2024 12:48
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 24 13:13:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 12:41:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.712	152	7073	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	20368	0.400	ng		0.00
13) Acenaphthene-d10	14.325	164	10267	0.400	ng		0.00
19) Phenanthrene-d10	17.064	188	20306	0.400	ng	#	0.00
29) Chrysene-d12	21.248	240	12752	0.400	ng		0.00
35) Perylene-d12	23.464	264	10972	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	104062	4.808	ng		0.00
5) Phenol-d6	6.882	99	141189	5.100	ng		0.00
8) Nitrobenzene-d5	8.846	82	88506	5.246	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	144128	5.026	ng		0.00
14) 2,4,6-Tribromophenol	15.810	330	18762	4.310	ng		0.00
15) 2-Fluorobiphenyl	12.957	172	205465	5.077	ng		0.00
27) Fluoranthene-d10	19.097	212	231016	4.647	ng		0.00
31) Terphenyl-d14	19.705	244	130770	5.298	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	42348	4.917	ng		99
3) n-Nitrosodimethylamine	3.581	42	66202	6.357	ng	#	96
6) bis(2-Chloroethyl)ether	7.142	93	107896	5.090	ng		99
9) Naphthalene	10.532	128	280398	4.992	ng		99
10) Hexachlorobutadiene	10.831	225	40523	4.502	ng	#	99
12) 2-Methylnaphthalene	12.147	142	179479	5.055	ng		99
16) Acenaphthylene	14.047	152	264846	5.368	ng		99
17) Acenaphthene	14.390	154	175767	5.223	ng		97
18) Fluorene	15.373	166	213452	5.090	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	17103	6.160	ng	#	61
21) 4-Bromophenyl-phenylether	16.269	248	55507	4.998	ng	#	81
22) Hexachlorobenzene	16.381	284	58013	4.706	ng		99
23) Atrazine	16.542	200	45354	4.667	ng	#	92
24) Pentachlorophenol	16.716	266	25315	5.233	ng		99
25) Phenanthrene	17.101	178	308331	5.103	ng		99
26) Anthracene	17.200	178	287167	5.315	ng		100
28) Fluoranthene	19.124	202	322212	4.756	ng		100
30) Pyrene	19.487	202	326483	5.726	ng		100
32) Benzo(a)anthracene	21.230	228	250242	5.148	ng		100
33) Chrysene	21.283	228	244106	5.072	ng		100
34) Bis(2-ethylhexyl)phtha...	21.194	149	164213	4.961	ng		99
36) Indeno(1,2,3-cd)pyrene	25.695	276	222798	5.271	ng		99
37) Benzo(b)fluoranthene	22.801	252	221458	5.585	ng	#	88
38) Benzo(k)fluoranthene	22.847	252	221207	5.717	ng	#	86
39) Benzo(a)pyrene	23.371	252	185096	5.496	ng	#	82
40) Dibenzo(a,h)anthracene	25.716	278	176660	5.319	ng		93
41) Benzo(g,h,i)perylene	26.370	276	189041	5.158	ng		95

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

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