Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103024\
Data File : BN034747.D
Acq On : 30 Oct 2024 15:21
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN103024

Quant Time: Oct 30 15:57:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 30 13:28:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	7993	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	24332	0.400	ng		0.00
13) Acenaphthene-d10	14.240	164	13847	0.400	ng		0.00
19) Phenanthrene-d10	16.976	188	28842	0.400	ng	#	0.00
29) Chrysene-d12	21.176	240	20211	0.400	ng		0.00
35) Perylene-d12	23.362	264	19052	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	9901	0.409	ng		0.00
5) Phenol-d6	6.780	99	12725	0.404	ng		0.00
8) Nitrobenzene-d5	8.738	82	6502	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	11.969	152	12746	0.362	ng		0.00
14) 2,4,6-Tribromophenol	15.723	330	2296	0.336	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	18636	0.342	ng		0.00
27) Fluoranthene-d10	19.017	212	25699	0.380	ng		0.00
31) Terphenyl-d14	19.626	244	14610	0.337	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	3241	0.370	ng		97
3) n-Nitrosodimethylamine	3.501	42	3778	0.382	ng		94
6) bis(2-Chloroethyl)ether	7.040	93	8441	0.368	ng		99
9) Naphthalene	10.415	128	23988	0.356	ng		99
10) Hexachlorobutadiene	10.714	225	3960	0.357	ng	#	100
12) 2-Methylnaphthalene	12.041	142	15573	0.354	ng		99
16) Acenaphthylene	13.951	152	22661	0.326	ng		100
17) Acenaphthene	14.293	154	15571	0.336	ng		99
18) Fluorene	15.287	166	19700	0.341	ng		100
20) 4,6-Dinitro-2-methylph...	15.362	198	1194	0.396	ng		88
21) 4-Bromophenyl-phenylether	16.182	248	5801	0.348	ng	#	81
22) Hexachlorobenzene	16.294	284	6660	0.356	ng		99
23) Atrazine	16.467	200	4984	0.347	ng	#	91
24) Pentachlorophenol	16.629	266	2972	0.369	ng		97
25) Phenanthrene	17.026	178	31124	0.367	ng		100
26) Anthracene	17.113	178	28137	0.354	ng		100
28) Fluoranthene	19.045	202	34832	0.373	ng		100
30) Pyrene	19.407	202	36026	0.341	ng		100
32) Benzo(a)anthracene	21.158	228	28785	0.358	ng		99
33) Chrysene	21.212	228	28844	0.366	ng		100
34) Bis(2-ethylhexyl)phtha...	21.122	149	26293	0.391	ng		100
36) Indeno(1,2,3-cd)pyrene	25.537	276	24079	0.344	ng		100
37) Benzo(b)fluoranthene	22.710	252	27161	0.354	ng		98
38) Benzo(k)fluoranthene	22.754	252	27081	0.362	ng		98
39) Benzo(a)pyrene	23.262	252	22298	0.352	ng		97
40) Dibenzo(a,h)anthracene	25.558	278	18731	0.343	ng		98
41) Benzo(g,h,i)perylene	26.195	276	20248	0.343	ng		100

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

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