Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031879.D
Acq On : 10 Jun 2024 15:55
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN061024

Quant Time: Jun 10 16:22:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	11424	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	37516	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	23549	0.400	ng		-0.01
19) Phenanthrene-d10	17.066	188	54192	0.400	ng		0.00
29) Chrysene-d12	21.265	240	50575	0.400	ng		0.00
35) Perylene-d12	23.505	264	54922	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	11376	0.350	ng		0.00
5) Phenol-d6	6.844	99	14613	0.343	ng		0.00
8) Nitrobenzene-d5	8.819	82	10629	0.341	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	20652	0.346	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	3441	0.305	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	31001	0.347	ng		0.00
27) Fluoranthene-d10	19.100	212	49742	0.337	ng		0.00
31) Terphenyl-d14	19.704	244	39139	0.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	4822	0.345	ng		96
3) n-Nitrosodimethylamine	3.522	42	4864	0.366	ng		97
6) bis(2-Chloroethyl)ether	7.097	93	12890	0.351	ng		99
9) Naphthalene	10.496	128	35462	0.351	ng		100
10) Hexachlorobutadiene	10.773	225	6219	0.352	ng	#	99
12) 2-Methylnaphthalene	12.119	142	24007	0.348	ng		100
16) Acenaphthylene	14.028	152	35791	0.330	ng		100
17) Acenaphthene	14.370	154	23802	0.341	ng		100
18) Fluorene	15.365	166	31848	0.341	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	2373	0.382	ng		94
21) 4-Bromophenyl-phenylether	16.259	248	10317	0.336	ng		96
22) Hexachlorobenzene	16.358	284	10937	0.343	ng		99
23) Atrazine	16.532	200	8851	0.314	ng		99
24) Pentachlorophenol	16.718	266	4427	0.389	ng		99
25) Phenanthrene	17.103	178	51200	0.340	ng		100
26) Anthracene	17.190	178	45624	0.327	ng		100
28) Fluoranthene	19.128	202	61907	0.340	ng		100
30) Pyrene	19.495	202	64114	0.319	ng		100
32) Benzo(a)anthracene	21.247	228	61459	0.323	ng		100
33) Chrysene	21.301	228	60132	0.334	ng		100
34) Bis(2-ethylhexyl)phtha...	21.175	149	41277	0.317	ng		99
36) Indeno(1,2,3-cd)pyrene	25.767	276	72082	0.352	ng		99
37) Benzo(b)fluoranthene	22.829	252	65261	0.326	ng		98
38) Benzo(k)fluoranthene	22.876	252	62062	0.328	ng		98
39) Benzo(a)pyrene	23.405	252	57539	0.333	ng		99
40) Dibenzo(a,h)anthracene	25.782	278	57109	0.354	ng		97
41) Benzo(g,h,i)perylene	26.457	276	61668	0.355	ng		99

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

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