Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103024\
Data File : BN034745.D
Acq On : 30 Oct 2024 12:20
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 30 13:33:31 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	7839	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	23469	0.400	ng		0.00
13) Acenaphthene-d10	14.233	164	12728	0.400	ng		0.00
19) Phenanthrene-d10	16.982	188	26921	0.400	ng		0.00
29) Chrysene-d12	21.178	240	17860	0.400	ng		0.00
35) Perylene-d12	23.361	264	14803	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	71738	3.021	ng		0.00
5) Phenol-d6	6.780	99	94762	3.071	ng		0.00
8) Nitrobenzene-d5	8.739	82	57884	3.138	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	106744	3.142	ng		0.00
14) 2,4,6-Tribromophenol	15.728	330	20998	3.340	ng		0.00
15) 2-Fluorobiphenyl	12.854	172	156997	3.132	ng		-0.01
27) Fluoranthene-d10	19.015	212	202339	3.204	ng		0.00
31) Terphenyl-d14	19.628	244	117940	3.075	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	26237	3.053	ng		95
3) n-Nitrosodimethylamine	3.494	42	30381	3.136	ng		99
6) bis(2-Chloroethyl)ether	7.040	93	69949	3.106	ng		100
9) Naphthalene	10.415	128	200718	3.093	ng		99
10) Hexachlorobutadiene	10.725	225	32560	3.046	ng	#	99
12) 2-Methylnaphthalene	12.041	142	133202	3.138	ng		99
16) Acenaphthylene	13.955	152	205467	3.217	ng		100
17) Acenaphthene	14.297	154	135647	3.188	ng		98
18) Fluorene	15.291	166	167960	3.167	ng		100
20) 4,6-Dinitro-2-methylph...	15.366	198	14820	3.054	ng	#	59
21) 4-Bromophenyl-phenylether	16.188	248	49257	3.162	ng		97
22) Hexachlorobenzene	16.287	284	54623	3.132	ng		99
23) Atrazine	16.461	200	43642	3.254	ng		98
24) Pentachlorophenol	16.634	266	27299	3.635	ng		99
25) Phenanthrene	17.019	178	251446	3.176	ng		100
26) Anthracene	17.106	178	238630	3.221	ng		100
28) Fluoranthene	19.048	202	279121	3.199	ng		100
30) Pyrene	19.410	202	285947	3.062	ng		100
32) Benzo(a)anthracene	21.160	228	225874	3.177	ng		99
33) Chrysene	21.214	228	216996	3.117	ng		99
34) Bis(2-ethylhexyl)phtha...	21.124	149	176797	2.974	ng		99
36) Indeno(1,2,3-cd)pyrene	25.536	276	168535	3.095	ng		99
37) Benzo(b)fluoranthene	22.712	252	191690	3.217	ng	#	91
38) Benzo(k)fluoranthene	22.753	252	190108	3.269	ng	#	90
39) Benzo(a)pyrene	23.268	252	158240	3.218	ng	#	88
40) Dibenzo(a,h)anthracene	25.557	278	131448	3.095	ng		93
41) Benzo(g,h,i)perylene	26.194	276	140292	3.057	ng		96

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

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