Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102224\
Data File : BN034675.D
Acq On : 22 Oct 2024 13:02
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 22 14:38:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 14:37:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.662	152	6965	0.400	ng		0.00
7) Naphthalene-d8	10.436	136	19596	0.400	ng		0.00
13) Acenaphthene-d10	14.293	164	9777	0.400	ng		0.00
19) Phenanthrene-d10	17.039	188	21357	0.400	ng	#	0.00
29) Chrysene-d12	21.221	240	17286	0.400	ng	#	0.00
35) Perylene-d12	23.429	264	22343	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.271	112	4449	0.195	ng		0.00
5) Phenol-d6	6.838	99	5520	0.190	ng		0.00
8) Nitrobenzene-d5	8.803	82	3201	0.207	ng		0.00
11) 2-Methylnaphthalene-d10	12.030	152	5412	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.785	330	814	0.171	ng		0.00
15) 2-Fluorobiphenyl	12.914	172	7751	0.211	ng		0.00
27) Fluoranthene-d10	19.069	212	10352	0.191	ng		0.00
31) Terphenyl-d14	19.677	244	6410	0.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	1719	0.209	ng		96
3) n-Nitrosodimethylamine	3.545	42	1902	0.213	ng	#	96
6) bis(2-Chloroethyl)ether	7.098	93	4156	0.205	ng		98
9) Naphthalene	10.479	128	10761	0.202	ng		98
10) Hexachlorobutadiene	10.789	225	1777	0.196	ng	#	100
12) 2-Methylnaphthalene	12.105	142	6661	0.197	ng		98
16) Acenaphthylene	14.005	152	9082	0.191	ng		99
17) Acenaphthene	14.357	154	6305	0.209	ng		99
18) Fluorene	15.341	166	7864	0.210	ng		99
20) 4,6-Dinitro-2-methylph...	15.416	198	484	0.257	ng	#	45
21) 4-Bromophenyl-phenylether	16.244	248	2314	0.200	ng	#	78
22) Hexachlorobenzene	16.344	284	2566	0.193	ng		97
23) Atrazine	16.517	200	2073	0.192	ng	#	89
24) Pentachlorophenol	16.691	266	879	0.152	ng		96
25) Phenanthrene	17.076	178	12428	0.212	ng		100
26) Anthracene	17.163	178	10794	0.190	ng		99
28) Fluoranthene	19.097	202	13945	0.205	ng		100
30) Pyrene	19.459	202	14495	0.208	ng		99
32) Benzo(a)anthracene	21.212	228	12530	0.199	ng		98
33) Chrysene	21.257	228	12749	0.211	ng		99
34) Bis(2-ethylhexyl)phtha...	21.176	149	9793	0.225	ng		99
36) Indeno(1,2,3-cd)pyrene	25.645	276	15537	0.181	ng		99
37) Benzo(b)fluoranthene	22.771	252	13583	0.179	ng	#	91
38) Benzo(k)fluoranthene	22.815	252	13334	0.182	ng	#	92
39) Benzo(a)pyrene	23.333	252	11719	0.174	ng	#	91
40) Dibenzo(a,h)anthracene	25.666	278	12224	0.178	ng		95
41) Benzo(g,h,i)perylene	26.312	276	13573	0.185	ng		96

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

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