Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030387.D
Acq On : 13 Mar 2024 18:11
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 14 11:20:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:09:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	1635	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	3579	0.400	ng	#	0.00
13) Acenaphthene-d10	14.436	164	2036	0.400	ng		-0.01
19) Phenanthrene-d10	17.206	188	4569	0.400	ng		0.00
29) Chrysene-d12	21.429	240	4722	0.400	ng	#	0.00
35) Perylene-d12	23.791	264	5384	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	20063	4.713	ng		0.00
5) Phenol-d6	6.959	99	22327	5.381	ng		0.00
8) Nitrobenzene-d5	8.950	82	18251	5.561	ng		-0.01
11) 2-Methylnaphthalene-d10	12.178	152	28753	5.173	ng		0.00
14) 2,4,6-Tribromophenol	15.940	330	6178	5.207	ng		-0.01
15) 2-Fluorobiphenyl	13.068	172	43580	5.317	ng		0.00
27) Fluoranthene-d10	19.252	212	66686	5.032	ng		0.00
31) Terphenyl-d14	19.865	244	51429	4.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	10408	4.585	ng		96
3) n-Nitrosodimethylamine	3.615	42	10574	5.078	ng	#	97
6) bis(2-Chloroethyl)ether	7.226	93	17566	5.267	ng		98
9) Naphthalene	10.626	128	48036	5.022	ng		94
10) Hexachlorobutadiene	10.904	225	14278	4.819	ng	#	99
12) 2-Methylnaphthalene	12.253	142	31413	5.096	ng		96
16) Acenaphthylene	14.158	152	47322	5.317	ng		100
17) Acenaphthene	14.500	154	29684	5.083	ng		99
18) Fluorene	15.494	166	37476	5.180	ng		98
21) 4-Bromophenyl-phenylether	16.399	248	14072	5.216	ng		93
22) Hexachlorobenzene	16.498	284	15865	4.924	ng		99
23) Atrazine	16.684	200	12012	4.948	ng	#	89
24) Pentachlorophenol	16.858	266	8709	5.165	ng		97
25) Phenanthrene	17.243	178	62371	5.132	ng		99
26) Anthracene	17.330	178	59427	5.337	ng		99
28) Fluoranthene	19.280	202	83150	5.070	ng		99
30) Pyrene	19.647	202	85871	4.873	ng		99
32) Benzo(a)anthracene	21.411	228	83816	5.341	ng		98
33) Chrysene	21.465	228	83785	4.840	ng		98
34) Bis(2-ethylhexyl)phtha...	21.366	149	37835	4.616	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.200	276	121739	5.311	ng	#	91
37) Benzo(b)fluoranthene	23.072	252	93790	5.341	ng	#	83
38) Benzo(k)fluoranthene	23.122	252	93033	5.236	ng	#	84
39) Benzo(a)pyrene	23.683	252	85638	5.252	ng	#	76
40) Dibenzo(a,h)anthracene	26.230	278	97102	5.350	ng	#	85
41) Benzo(g,h,i)perylene	26.943	276	109569	5.120	ng		95

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

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