Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027761.D
Acq On : 20 Sep 2023 12:37
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 11 17:29:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	2107	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	6972	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	4781	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	12002	0.400	ng	#	0.00
29) Chrysene-d12	21.569	240	13012	0.400	ng	#	0.00
35) Perylene-d12	24.069	264	11984	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	15142	2.841	ng		0.00
5) Phenol-d6	7.156	99	20747	3.114	ng		0.00
8) Nitrobenzene-d5	9.198	82	17755	3.216	ng		-0.01
11) 2-Methylnaphthalene-d10	12.408	152	33750	3.315	ng		0.00
14) 2,4,6-Tribromophenol	16.139	330	6625	3.259	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	54351	3.366	ng		0.00
27) Fluoranthene-d10	19.416	212	101865	3.266	ng		0.00
31) Terphenyl-d14	20.006	244	76504	3.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	7426	2.877	ng		93
3) n-Nitrosodimethylamine	3.769	42	9385	3.154	ng	#	95
6) bis(2-Chloroethyl)ether	7.445	93	20740	3.180	ng		100
9) Naphthalene	10.885	128	60999	3.156	ng		97
10) Hexachlorobutadiene	11.109	225	10212	3.039	ng	#	100
12) 2-Methylnaphthalene	12.479	142	44617	3.323	ng		99
16) Acenaphthylene	14.373	152	69267	3.389	ng		100
17) Acenaphthene	14.705	154	45299	3.125	ng		98
18) Fluorene	15.680	166	65903	3.135	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	4948	4.280	ng	#	19
21) 4-Bromophenyl-phenylether	16.574	248	20617	3.364	ng		94
22) Hexachlorobenzene	16.661	284	22158	3.177	ng		98
23) Atrazine	16.847	200	15860	3.507	ng	#	90
24) Pentachlorophenol	17.021	266	10115	3.219	ng		98
25) Phenanthrene	17.430	178	113728	3.239	ng		100
26) Anthracene	17.530	178	104076	3.463	ng		100
28) Fluoranthene	19.449	202	142898	3.312	ng		100
30) Pyrene	19.816	202	146861	3.142	ng		100
32) Benzo(a)anthracene	21.560	228	151010	3.344	ng		99
33) Chrysene	21.614	228	156614	3.150	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	66784	3.339	ng		100
36) Indeno(1,2,3-cd)pyrene	26.691	276	176865	3.469	ng		100
37) Benzo(b)fluoranthene	23.294	252	159488	3.366	ng	#	91
38) Benzo(k)fluoranthene	23.344	252	164958	3.433	ng	#	90
39) Benzo(a)pyrene	23.958	252	148121	3.441	ng	#	86
40) Dibenzo(a,h)anthracene	26.715	278	144971	3.483	ng		94
41) Benzo(g,h,i)perylene	27.504	276	154373	3.354	ng		96

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

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