Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093022\
Data File : BN021963.D
Acq On : 30 Sep 2022 12:16
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 30 16:00:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 15:59:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.989	152	6130	0.400	ng		0.00
7) Naphthalene-d8	10.813	136	19117	0.400	ng		-0.01
13) Acenaphthene-d10	14.654	164	10945	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	22913	0.400	ng		#-0.01
29) Chrysene-d12	21.610	240	18908	0.400	ng		0.00
35) Perylene-d12	24.088	264	15718	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.512	112	4212	0.258	ng		0.00
5) Phenol-d6	7.144	99	5311	0.258	ng		0.00
8) Nitrobenzene-d5	9.158	82	4142	0.259	ng		-0.01
11) 2-Methylnaphthalene-d10	12.410	152	8184	0.198	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	1171	0.250	ng		0.00
15) 2-Fluorobiphenyl	13.275	172	11859	0.245	ng		-0.01
27) Fluoranthene-d10	19.442	212	15368	0.248	ng		0.00
31) Terphenyl-d14	20.033	244	9914	0.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	2015	0.232	ng		97
3) n-Nitrosodimethylamine	3.671	42	2317	0.264	ng		100
6) bis(2-Chloroethyl)ether	7.404	93	5427	0.270	ng		99
9) Naphthalene	10.866	128	14565	0.253	ng		100
10) Hexachlorobutadiene	11.155	225	2514	0.251	ng	#	100
12) 2-Methylnaphthalene	12.112	142	2682	0.237	ng	#	94
16) Acenaphthylene	14.376	152	12157	0.239	ng		100
17) Acenaphthene	14.718	154	9220	0.254	ng		99
18) Fluorene	15.701	166	11090	0.243	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	859	0.290	ng	#	4
21) 4-Bromophenyl-phenylether	16.593	248	3556	0.246	ng	#	79
22) Hexachlorobenzene	16.705	284	4118	0.245	ng		99
23) Atrazine	16.866	200	2823	0.238	ng	#	94
24) Pentachlorophenol	17.053	266	1504	0.258	ng		97
25) Phenanthrene	17.450	178	19592	0.250	ng		100
26) Anthracene	17.537	178	15430	0.241	ng		100
28) Fluoranthene	19.471	202	20968	0.249	ng		100
30) Pyrene	19.838	202	21110	0.242	ng		98
32) Benzo(a)anthracene	21.592	228	17980	0.245	ng		100
33) Chrysene	21.645	228	19983	0.261	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	9028	0.205	ng		100
36) Indeno(1,2,3-cd)pyrene	26.687	276	19711	0.237	ng		99
37) Benzo(b)fluoranthene	23.322	252	18260	0.250	ng		97
38) Benzo(k)fluoranthene	23.372	252	17641	0.247	ng		97
39) Benzo(a)pyrene	23.974	252	13688	0.245	ng		96
40) Dibenzo(a,h)anthracene	26.707	278	15828	0.238	ng		98
41) Benzo(g,h,i)perylene	27.488	276	16463	0.227	ng		99

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

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