Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018255.D
Acq On : 29 Dec 2021 10:48
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 12:40:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	28026	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	109274	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	60835	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	106552	0.400	ng	0.00
29) Chrysene-d12	21.196	240	62659	0.400	ng	# 0.00
35) Perylene-d12	23.426	264	52975	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	5051	0.083	ng	0.00
5) Phenol-d6	6.831	99	4272	0.065	ng	0.00
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	12.021	152	17269	0.092	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.899	172	20663	0.091	ng	0.00
27) Fluoranthene-d10	19.043	212	29447	0.087	ng	0.00
31) Terphenyl-d14	19.659	244	17564	0.127	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	1694	0.101	ng	# 61
3) n-Nitrosodimethylamine	3.521	42	1854	0.076	ng	99
6) bis(2-Chloroethyl)ether	7.080	93	5993	0.085	ng	94
9) Naphthalene	10.470	128	26946	0.100	ng	99
10) Hexachlorobutadiene	10.762	225	7540	0.105	ng	# 98
12) 2-Methylnaphthalene	12.092	142	16308	0.092	ng	100
16) Acenaphthylene	13.990	152	16025	0.071	ng	100
17) Acenaphthene	14.332	154	14715	0.093	ng	99
18) Fluorene	15.322	166	16045	0.083	ng	100
21) 4-Bromophenyl-phenylether	16.214	248	4940	0.076	ng	91
22) Hexachlorobenzene	16.324	284	8209	0.106	ng	99
23) Atrazine	16.494	200	2486	0.061	ng	93
25) Phenanthrene	17.054	178	26328	0.093	ng	99
26) Anthracene	17.152	178	15761	0.068	ng	100
28) Fluoranthene	19.073	202	28588	0.087	ng	99
30) Pyrene	19.435	202	29224	0.145	ng	100
32) Benzo(a)anthracene	21.185	228	11849	0.065	ng	99
33) Chrysene	21.238	228	21236	0.107	ng	99
34) Bis(2-ethylhexyl)phtha...	21.121	149	8147	0.120	ng	98
36) Indeno(1,2,3-cd)pyrene	25.703	276	10141	0.066	ng	# 82
37) Benzo(b)fluoranthene	22.762	252	14503	0.089	ng	# 79
38) Benzo(k)fluoranthene	22.803	252	12014	0.073	ng	# 89
39) Benzo(a)pyrene	23.337	252	13659	0.093	ng	# 34
40) Dibenzo(a,h)anthracene	25.730	278	7322m	0.065	ng	
41) Benzo(g,h,i)perylene	26.387	276	11869	0.084	ng	95

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

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