Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016580.D
Acq On : 29 Sep 2021 18:30
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
9/30/2021 11:32:36 AM

Quant Time: Sep 30 01:37:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 01:35:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28167	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	124788	0.400	ng	0.00
13) Acenaphthene-d10	14.281	164	63768	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	114308	0.400	ng	0.00
29) Chrysene-d12	21.249	240	102913	0.400	ng	# 0.01
35) Perylene-d12	23.498	264	112770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	7298	0.104	ng	0.00
5) Phenol-d6	6.822	99	7413	0.105	ng	0.00
8) Nitrobenzene-d5	8.784	82	7032	0.106	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	17956	0.101	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	2342	0.084	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	27237	0.104	ng	0.00
27) Fluoranthene-d10	19.073	212	29074	0.094	ng	0.00
31) Terphenyl-d14	19.688	244	25312	0.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	1486	0.122	ng	# 1
3) n-Nitrosodimethylamine	3.595	42	1913	0.086	ng	# 96
6) bis(2-Chloroethyl)ether	7.089	93	7684	0.104	ng	98
9) Naphthalene	10.457	128	36695	0.109	ng	99
10) Hexachlorobutadiene	10.749	225	6430	0.097	ng	# 100
12) 2-Methylnaphthalene	12.087	142	21610	0.103	ng	99
16) Acenaphthylene	13.990	152	24903	0.088	ng	100
17) Acenaphthene	14.345	154	18192	0.095	ng	99
18) Fluorene	15.335	166	20870	0.089	ng	100
20) 4,6-Dinitro-2-methylph...	15.423	198	693	0.099	ng	# 68
21) 4-Bromophenyl-phenylether	16.227	248	6586	0.097	ng	# 67
22) Hexachlorobenzene	16.336	284	8177	0.101	ng	100
23) Atrazine	16.506	200	4251	0.092	ng	99
24) Pentachlorophenol	16.689	266	2207	0.086	ng	99
25) Phenanthrene	17.066	178	34106	0.099	ng	99
26) Anthracene	17.164	178	26518	0.089	ng	100
28) Fluoranthene	19.103	202	35981	0.096	ng	99
30) Pyrene	19.470	202	36602	0.104	ng	100
32) Benzo(a)anthracene	21.227	228	32253	0.101	ng	100
33) Chrysene	21.281	228	34214	0.105	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	12430	0.131	ng	98
36) Indeno(1,2,3-cd)pyrene	25.781	276	42494	0.118	ng	96
37) Benzo(b)fluoranthene	22.820	252	33665	0.089	ng	97
38) Benzo(k)fluoranthene	22.865	252	36734	0.100	ng	# 87
39) Benzo(a)pyrene	23.399	252	33013m	0.096	ng	
40) Dibenzo(a,h)anthracene	25.805	278	33505	0.134	ng	# 93
41) Benzo(g,h,i)perylene	26.480	276	37757	0.115	ng	99

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

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