Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018268.D
Acq On : 29 Dec 2021 19:25
Operator : CG/JU
Sample : M5224-06MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-COMPMSD

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

Quant Time: Dec 30 02:23:46 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 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31327	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	129956	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	78455	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	159775	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	166871	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	170403	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	4383	0.070	ng	0.02
5) Phenol-d6	6.831	99	4282	0.071	ng	0.00
8) Nitrobenzene-d5	8.784	82	5070	0.190	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	16623	0.076	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	1833	0.348	ng	-0.01
15) 2-Fluorobiphenyl	12.899	172	20260	0.068	ng	0.00
27) Fluoranthene-d10	19.038	212	31874	0.063	ng	0.00
31) Terphenyl-d14	19.644	244	30196	0.071	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	1589	0.089	ng	# 60
3) n-Nitrosodimethylamine	3.521	42	2072	0.081	ng	# 80
6) bis(2-Chloroethyl)ether	7.080	93	6932	0.093	ng	98
9) Naphthalene	10.457	128	1115142	3.470	ng	99
10) Hexachlorobutadiene	10.762	225	7266	0.081	ng	# 99
12) 2-Methylnaphthalene	12.083	142	339263	1.647	ng	99
16) Acenaphthylene	13.977	152	288229	1.044	ng	97
17) Acenaphthene	14.320	154	451104	2.226	ng	99
18) Fluorene	15.309	166	536554m	2.248	ng	
20) 4,6-Dinitro-2-methylph...	15.461	198	241	0.277	ng	# 1
21) 4-Bromophenyl-phenylether	16.202	248	8350	0.086	ng	# 91
22) Hexachlorobenzene	16.324	284	9802	0.079	ng	# 95
23) Atrazine	16.482	200	6290	0.213	ng	96
24) Pentachlorophenol	16.665	266	4049	0.438	ng	98
25) Phenanthrene	17.042	178	6717255	15.947	ng	99
26) Anthracene	17.139	178	1534251	3.980	ng	# 92
28) Fluoranthene	19.073	202	7015742	14.222	ng	97
30) Pyrene	19.430	202	6783151	10.366	ng	# 93
32) Benzo(a)anthracene	21.174	228	3590226	6.717	ng	97
33) Chrysene	21.227	228	3519272	6.551	ng	97
34) Bis(2-ethylhexyl)phtha...	21.121	149	878986	4.220	ng	98
36) Indeno(1,2,3-cd)pyrene	25.679	276	1464997	3.600	ng	97
37) Benzo(b)fluoranthene	22.755	252	3822189	7.058	ng	99
38) Benzo(k)fluoranthene	22.790	252	1414264m	2.759	ng	
39) Benzo(a)pyrene	23.324	252	2859914	6.070	ng	98
40) Dibenzo(a,h)anthracene	25.689	278	392910	1.354	ng	97
41) Benzo(g,h,i)perylene	26.373	276	1410139	3.474	ng	99

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

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