Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015341.D
Acq On : 06 Jul 2021 16:47
Operator : CG/JU
Sample : M2795-16MSD 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-0-2MSD

Manual Integrations APPROVED
mohammad
7/7/2021 8:35:56 AM

Quant Time: Jul 06 17:22:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	19329	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	89376	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	59581	0.40	ng	0.00
19) Phenanthrene-d10	17.102	188	103696	0.40	ng	# 0.01
29) Chrysene-d12	21.344	240	45642	0.40	ng	# 0.04
35) Perylene-d12	23.587	264	55831	0.40	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	7383	0.15	ng	0.01
5) Phenol-d6	6.914	99	9227	0.15	ng	0.01
8) Nitrobenzene-d5	8.873	82	10780	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	24400	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3685	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	31068	0.13	ng	0.01
27) Fluoranthene-d10	19.142	212	60509m	0.20	ng	0.00
31) Terphenyl-d14	19.748	244	87027	0.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1095	0.12	ng	# 1
3) n-Nitrosodimethylamine	3.668	42	3001	0.18	ng	# 1
6) bis(2-Chloroethyl)ether	7.181	93	108856	1.78	ng	# 39
9) Naphthalene	10.546	128	3094779	12.07	ng	98
10) Hexachlorobutadiene	10.837	225	7791	0.16	ng	# 99
12) 2-Methylnaphthalene	12.163	142	1049607	6.38	ng	# 89
16) Acenaphthylene	14.065	152	1957400	7.41	ng	97
17) Acenaphthene	14.408	154	2425239	13.11	ng	95
18) Fluorene	15.398	166	2525448	11.21	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.550	198	1386m	0.82	ng	
21) 4-Bromophenyl-phenylether	16.287	248	11358	0.17	ng	# 1
22) Hexachlorobenzene	16.421	284	11082	0.15	ng	# 82
23) Atrazine	16.579	200	13911	0.42	ng	# 67
24) Pentachlorophenol	16.774	266	9975	0.97	ng	99
25) Phenanthrene	17.176	178	19340522	57.91	ng	97
26) Anthracene	17.249	178	6921297	24.18	ng	# 88
28) Fluoranthene	19.222	202	20797851	57.93	ng	# 94
30) Pyrene	19.589	202	19228725	110.73	ng	# 81
32) Benzo(a)anthracene	21.323	228	12037171	76.89	ng	96
33) Chrysene	21.376	228	10022957m	58.77	ng	
34) Bis(2-ethylhexyl)phtha...	21.238	149	86793	1.49	ng	# 29
36) Indeno(1,2,3-cd)pyrene	25.860	276	2876224	14.38	ng	# 92
37) Benzo(b)fluoranthene	22.933	252	9954341	45.48	ng	# 95
38) Benzo(k)fluoranthene	22.967	252	4185501m	17.91	ng	
39) Benzo(a)pyrene	23.508	252	7481299	37.37	ng	# 98
40) Dibenzo(a,h)anthracene	25.863	278	924463	5.89	ng	# 90
41) Benzo(g,h,i)perylene	26.555	276	2540048	14.67	ng	# 91

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

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