Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015340.D
Acq On : 06 Jul 2021 16:11
Operator : CG/JU
Sample : M2795-16MS 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

Manual Integrations APPROVED
mohammad
7/7/2021 8:35:53 AM

Quant Time: Jul 06 16:39:35 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	7.735	152	19371	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	90631	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	60553	0.40	ng	0.00
19) Phenanthrene-d10	17.103	188	104772	0.40	ng	# 0.01
29) Chrysene-d12	21.344	240	46137	0.40	ng	# 0.04
35) Perylene-d12	23.594	264	63397	0.40	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	7378	0.15	ng	0.00
5) Phenol-d6	6.914	99	9229	0.15	ng	0.01
8) Nitrobenzene-d5	8.873	82	11023	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	24645	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3620	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	31379	0.13	ng	0.00
27) Fluoranthene-d10	19.152	212	65308m	0.21	ng	0.02
31) Terphenyl-d14	19.748	244	88444	0.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	1095	0.12	ng	# 1
3) n-Nitrosodimethylamine	3.668	42	3057	0.18	ng	# 1
6) bis(2-Chloroethyl)ether	7.181	93	108211	1.77	ng	# 39
9) Naphthalene	10.546	128	3134871	12.06	ng	98
10) Hexachlorobutadiene	10.838	225	7723	0.16	ng	# 98
12) 2-Methylnaphthalene	12.163	142	1065574	6.39	ng	# 89
16) Acenaphthylene	14.066	152	1964632	7.32	ng	97
17) Acenaphthene	14.408	154	2453637	13.05	ng	95
18) Fluorene	15.398	166	2551568	11.14	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.550	198	1398m	0.82	ng	
21) 4-Bromophenyl-phenylether	16.287	248	11404	0.17	ng	# 1
22) Hexachlorobenzene	16.421	284	11038	0.15	ng	# 79
23) Atrazine	16.579	200	13748	0.41	ng	# 67
24) Pentachlorophenol	16.774	266	10068	0.97	ng	100
25) Phenanthrene	17.176	178	19074499	56.53	ng	# 96
26) Anthracene	17.249	178	7842013	27.11	ng	# 93
28) Fluoranthene	19.222	202	21349273	58.86	ng	# 94
30) Pyrene	19.589	202	19896614	113.34	ng	# 81
32) Benzo(a)anthracene	21.323	228	12736603	80.48	ng	96
33) Chrysene	21.376	228	11107166m	64.43	ng	
34) Bis(2-ethylhexyl)phtha...	21.238	149	88864	1.50	ng	# 29
36) Indeno(1,2,3-cd)pyrene	25.867	276	3148699	13.86	ng	# 91
37) Benzo(b)fluoranthene	22.940	252	10989875	44.22	ng	# 95
38) Benzo(k)fluoranthene	22.971	252	4837031m	18.23	ng	
39) Benzo(a)pyrene	23.515	252	8559236	37.66	ng	# 98
40) Dibenzo(a,h)anthracene	25.867	278	1014792	5.70	ng	# 89
41) Benzo(g,h,i)perylene	26.558	276	2753385	14.00	ng	# 91

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

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