Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019120.D
Acq On : 24 Mar 2022 10:31
Operator : CG/JU
Sample : N2074-20MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
N2074-19MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 14:32:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3833	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9976	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5717	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	11529	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	8663	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	6928	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	807	0.094	ng	0.00
5) Phenol-d6	7.024	99	452	0.050	ng	0.01
8) Nitrobenzene-d5	9.014	82	1406	0.195	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	3909	0.236	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	465	0.169	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	5745	0.251	ng	-0.01
27) Fluoranthene-d10	19.261	212	11798	0.345	ng	0.00
31) Terphenyl-d14	19.860	244	7538	0.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	15500	3.272	ng	# 92
3) n-Nitrosodimethylamine	3.579	42	597	0.108	ng	# 86
6) bis(2-Chloroethyl)ether	7.269	93	2837	0.265	ng	92
9) Naphthalene	10.701	128	7877	0.278	ng	97
10) Hexachlorobutadiene	11.000	225	1714	0.247	ng	# 99
12) 2-Methylnaphthalene	12.321	142	4805	0.249	ng	97
16) Acenaphthylene	14.206	152	6726	0.254	ng	99
17) Acenaphthene	14.549	154	4845	0.260	ng	98
18) Fluorene	15.532	166	6000	0.256	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	248	0.224	ng	# 29
21) 4-Bromophenyl-phenylether	16.425	248	1825	0.251	ng	# 93
22) Hexachlorobenzene	16.549	284	2730	0.291	ng	99
23) Atrazine	16.682	200	1515	0.279	ng	97
24) Pentachlorophenol	16.887	266	651	0.226	ng	100
25) Phenanthrene	17.267	178	10100	0.280	ng	100
26) Anthracene	17.369	178	7461	0.245	ng	99
28) Fluoranthene	19.291	202	14872	0.352	ng	99
30) Pyrene	19.653	202	15449	0.358	ng	99
32) Benzo(a)anthracene	21.404	228	8918	0.334	ng	99
33) Chrysene	21.458	228	13304	0.369	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	6113	0.345	ng	100
36) Indeno(1,2,3-cd)pyrene	26.246	276	7672	0.307	ng	# 84
37) Benzo(b)fluoranthene	23.065	252	9474	0.375	ng	96
38) Benzo(k)fluoranthene	23.112	252	13151m	0.380	ng	
39) Benzo(a)pyrene	23.685	252	9090	0.395	ng	# 89
40) Dibenzo(a,h)anthracene	26.267	278	7171m	0.368	ng	
41) Benzo(g,h,i)perylene	26.983	276	9398	0.383	ng	97

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

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