Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019029.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01MSD 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 02:31:55 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	8179	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	23464	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	13634	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	24094	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	13881	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	13184	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	816	0.045	ng	0.00
5) Phenol-d6	7.017	99	735	0.038	ng	0.00
8) Nitrobenzene-d5	9.014	82	491m	0.029	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	1380	0.035	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	206	0.031	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	1985	0.036	ng	-0.01
27) Fluoranthene-d10	19.261	212	2037	0.028	ng	0.00
31) Terphenyl-d14	19.860	244	1526	0.045	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	518	0.051	ng	# 72
3) n-Nitrosodimethylamine	3.579	42	735	0.062	ng	# 94
6) bis(2-Chloroethyl)ether	7.269	93	1298	0.057	ng	# 84
9) Naphthalene	10.712	128	7183	0.108	ng	96
10) Hexachlorobutadiene	11.011	225	1016	0.062	ng	# 99
12) 2-Methylnaphthalene	12.321	142	5029	0.111	ng	98
16) Acenaphthylene	14.206	152	8855	0.140	ng	98
17) Acenaphthene	14.549	154	11152	0.251	ng	99
18) Fluorene	15.532	166	14298	0.256	ng	96
20) 4,6-Dinitro-2-methylph...	15.618	198	66	0.124	ng	# 1
21) 4-Bromophenyl-phenylether	16.425	248	990	0.065	ng	# 88
22) Hexachlorobenzene	16.549	284	1276	0.065	ng	96
23) Atrazine	16.682	200	741	0.065	ng	# 83
24) Pentachlorophenol	16.887	266	663	0.110	ng	97
25) Phenanthrene	17.267	178	176563	2.343	ng	100
26) Anthracene	17.359	178	31737	0.498	ng	99
28) Fluoranthene	19.291	202	230253	2.604	ng	100
30) Pyrene	19.653	202	195319	2.825	ng	# 96
32) Benzo(a)anthracene	21.404	228	66323	1.550	ng	97
33) Chrysene	21.449	228	70072	1.215	ng	97
34) Bis(2-ethylhexyl)phtha...	21.333	149	13196	0.465	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.229	276	33148	0.697	ng	# 88
37) Benzo(b)fluoranthene	23.065	252	70932	1.475	ng	97
38) Benzo(k)fluoranthene	23.112	252	31529m	0.478	ng	
39) Benzo(a)pyrene	23.679	252	49998	1.143	ng	97
40) Dibenzo(a,h)anthracene	26.246	278	8208	0.221	ng	# 78
41) Benzo(g,h,i)perylene	26.983	276	38053	0.815	ng	99

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

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