Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019028.D
Acq On : 21 Mar 2022 18:31
Operator : CG/JU
Sample : N2007-01MS 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP1MS

Manual Integrations APPROVED

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

Quant Time: Mar 22 02:31:37 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	8115	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	22513	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	12695	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	21762	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	13330	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	13323	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	722	0.040	ng	0.00
5) Phenol-d6	7.017	99	654	0.034	ng	0.00
8) Nitrobenzene-d5	9.014	82	408m	0.025	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	1374	0.037	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	182	0.030	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	1861	0.037	ng	-0.01
27) Fluoranthene-d10	19.261	212	1899	0.029	ng	0.00
31) Terphenyl-d14	19.860	244	1427	0.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	494	0.049	ng	# 78
3) n-Nitrosodimethylamine	3.579	42	848	0.073	ng	# 80
6) bis(2-Chloroethyl)ether	7.269	93	1222	0.054	ng	# 81
9) Naphthalene	10.712	128	7040	0.110	ng	98
10) Hexachlorobutadiene	11.011	225	970	0.062	ng	# 100
12) 2-Methylnaphthalene	12.325	142	4746	0.109	ng	98
16) Acenaphthylene	14.206	152	8295	0.141	ng	98
17) Acenaphthene	14.549	154	10333	0.250	ng	100
18) Fluorene	15.532	166	13159	0.253	ng	95
20) 4,6-Dinitro-2-methylph...	15.628	198	57	0.123	ng	# 1
21) 4-Bromophenyl-phenylether	16.425	248	888	0.065	ng	# 88
22) Hexachlorobenzene	16.548	284	1140	0.064	ng	98
23) Atrazine	16.682	200	626	0.061	ng	# 80
24) Pentachlorophenol	16.887	266	591	0.109	ng	98
25) Phenanthrene	17.266	178	158101	2.323	ng	100
26) Anthracene	17.359	178	28002	0.487	ng	98
28) Fluoranthene	19.291	202	211255	2.646	ng	100
30) Pyrene	19.653	202	182140	2.743	ng	97
32) Benzo(a)anthracene	21.404	228	64749	1.576	ng	97
33) Chrysene	21.449	228	69063	1.247	ng	97
34) Bis(2-ethylhexyl)phtha...	21.333	149	11218	0.412	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.235	276	33516	0.697	ng	# 88
37) Benzo(b)fluoranthene	23.068	252	74290	1.529	ng	97
38) Benzo(k)fluoranthene	23.109	252	30792m	0.462	ng	
39) Benzo(a)pyrene	23.679	252	50489	1.142	ng	96
40) Dibenzo(a,h)anthracene	26.243	278	8076	0.216	ng	# 81
41) Benzo(g,h,i)perylene	26.983	276	39105	0.829	ng	99

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

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