Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019023.D
Acq On : 21 Mar 2022 15:30
Operator : CG/JU
Sample : N2000-17MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE-126D1-20220316MSD

Manual Integrations APPROVED

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

Quant Time: Mar 22 02:30:25 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	6497	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	18079	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	10729	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	20584	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	14372	0.400	ng	#	0.00
35) Perylene-d12	23.784	264	9812	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	1512	0.104	ng		0.00
5) Phenol-d6	7.016	99	998	0.065	ng		0.00
8) Nitrobenzene-d5	9.003	82	2665	0.204	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	7034	0.235	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	1017	0.196	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	10139	0.236	ng		-0.01
27) Fluoranthene-d10	19.265	212	17864	0.292	ng		0.00
31) Terphenyl-d14	19.860	244	12862	0.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	22607	2.815	ng		98
3) n-Nitrosodimethylamine	3.571	42	1375	0.147	ng	#	70
6) bis(2-Chloroethyl)ether	7.269	93	5024	0.277	ng		98
9) Naphthalene	10.712	128	13334	0.259	ng		99
10) Hexachlorobutadiene	11.011	225	2912	0.231	ng	#	100
12) 2-Methylnaphthalene	12.321	142	8730	0.250	ng		98
16) Acenaphthylene	14.206	152	12472	0.251	ng		100
17) Acenaphthene	14.549	154	8743	0.250	ng		98
18) Fluorene	15.532	166	10965	0.249	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	494	0.237	ng	#	61
21) 4-Bromophenyl-phenylether	16.425	248	3623	0.279	ng	#	94
22) Hexachlorobenzene	16.548	284	4718	0.282	ng		99
23) Atrazine	16.682	200	1863	0.192	ng		95
24) Pentachlorophenol	16.887	266	1596	0.311	ng		97
25) Phenanthrene	17.277	178	19592	0.304	ng		99
26) Anthracene	17.369	178	14769	0.271	ng		99
28) Fluoranthene	19.291	202	24372	0.323	ng		98
30) Pyrene	19.653	202	25053	0.350	ng		100
32) Benzo(a)anthracene	21.404	228	15418	0.348	ng		99
33) Chrysene	21.449	228	18661	0.312	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	13109	0.446	ng		99
36) Indeno(1,2,3-cd)pyrene	26.246	276	9228m	0.261	ng		
37) Benzo(b)fluoranthene	23.065	252	12204m	0.341	ng		
38) Benzo(k)fluoranthene	23.112	252	15401m	0.314	ng		
39) Benzo(a)pyrene	23.688	252	9864	0.303	ng	#	83
40) Dibenzo(a,h)anthracene	26.264	278	8118m	0.294	ng		
41) Benzo(g,h,i)perylene	26.989	276	9286	0.267	ng		96

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

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