Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019091.D
Acq On : 23 Mar 2022 14:49
Operator : CG/JU
Sample : N2041-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D1-20220317MS

Manual Integrations APPROVED

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

Quant Time: Mar 23 16:46:09 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	4010	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10430	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	6076	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	12467	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9730	0.400	ng		# 0.00
35) Perylene-d12	23.793	264	8400	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	1199	0.133	ng		0.00
5) Phenol-d6	7.016	99	697	0.074	ng		0.00
8) Nitrobenzene-d5	9.003	82	1924	0.256	ng		-0.01
11) 2-Methylnaphthalene-d10	12.249	152	5458	0.315	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	825	0.281	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	7904	0.325	ng		-0.01
27) Fluoranthene-d10	19.261	212	14470	0.391	ng		0.00
31) Terphenyl-d14	19.860	244	35459	1.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	3055	0.616	ng	#	91
3) n-Nitrosodimethylamine	3.579	42	686	0.119	ng	#	91
6) bis(2-Chloroethyl)ether	7.269	93	3724	0.332	ng		96
9) Naphthalene	10.701	128	10410	0.351	ng		99
10) Hexachlorobutadiene	11.000	225	2227	0.307	ng	#	99
12) 2-Methylnaphthalene	12.321	142	6583	0.326	ng		99
16) Acenaphthylene	14.206	152	9652	0.342	ng		99
17) Acenaphthene	14.548	154	6755	0.341	ng		98
18) Fluorene	15.532	166	8799	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	390	0.276	ng	#	56
21) 4-Bromophenyl-phenylether	16.425	248	2870	0.365	ng	#	94
22) Hexachlorobenzene	16.548	284	3873	0.382	ng		99
23) Atrazine	16.682	200	2051	0.349	ng		95
24) Pentachlorophenol	16.887	266	1251	0.402	ng		99
25) Phenanthrene	17.277	178	16160	0.415	ng		100
26) Anthracene	17.369	178	12230	0.371	ng		99
28) Fluoranthene	19.295	202	21075	0.461	ng		99
30) Pyrene	19.653	202	21719	0.448	ng		99
32) Benzo(a)anthracene	21.404	228	13116	0.437	ng		99
33) Chrysene	21.458	228	19587	0.484	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	8539	0.430	ng		99
36) Indeno(1,2,3-cd)pyrene	26.249	276	13528	0.446	ng		99
37) Benzo(b)fluoranthene	23.071	252	15600m	0.509	ng		
38) Benzo(k)fluoranthene	23.118	252	19815m	0.472	ng		
39) Benzo(a)pyrene	23.691	252	14722	0.528	ng	#	86
40) Dibenzo(a,h)anthracene	26.261	278	12255m	0.519	ng		
41) Benzo(g,h,i)perylene	26.992	276	15928	0.535	ng		98

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

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