Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016823.D
Acq On : 08 Oct 2021 00:55
Operator : CG/JU
Sample : M4020-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

Manual Integrations APPROVED

mohammad
10/11/2021 2:09:48 PM

Quant Time: Oct 08 05:20:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.614	152	20251	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	92731	0.40	ng	#	0.00
13) Acenaphthene-d10	14.243	164	48636	0.40	ng		0.00
19) Phenanthrene-d10	17.005	188	92654	0.40	ng		0.00
29) Chrysene-d12	21.206	240	91756	0.40	ng	#	-0.01
35) Perylene-d12	23.450	264	103737	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	17102	0.34	ng		0.04
5) Phenol-d6	6.812	99	18799	0.33	ng		0.02
8) Nitrobenzene-d5	8.759	82	20216	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	52749	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	7082	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	57442	0.29	ng		0.00
27) Fluoranthene-d10	19.043	212	87395	0.34	ng		0.00
31) Terphenyl-d14	19.653	244	65567	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	5986m	0.66	ng		
3) n-Nitrosodimethylamine	3.557	42	6544	0.41	ng	#	94
6) bis(2-Chloroethyl)ether	7.052	93	23076	0.41	ng		100
9) Naphthalene	10.432	128	96987	0.38	ng		100
10) Hexachlorobutadiene	10.723	225	17897	0.37	ng	#	100
12) 2-Methylnaphthalene	12.051	142	63318	0.39	ng		100
16) Acenaphthylene	13.964	152	82631	0.39	ng		100
17) Acenaphthene	14.307	154	53338	0.37	ng		100
18) Fluorene	15.296	166	65388	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.385	198	2691	0.31	ng	#	69
21) 4-Bromophenyl-phenylether	16.202	248	23013	0.40	ng	#	91
22) Hexachlorobenzene	16.311	284	24788	0.38	ng		99
23) Atrazine	16.482	200	17811	0.39	ng		99
24) Pentachlorophenol	16.652	266	4641	0.25	ng		99
25) Phenanthrene	17.042	178	112824	0.41	ng		100
26) Anthracene	17.127	178	98690	0.40	ng		99
28) Fluoranthene	19.073	202	134878	0.44	ng		100
30) Pyrene	19.435	202	137103	0.49	ng		99
32) Benzo(a)anthracene	21.195	228	126305	0.45	ng		97
33) Chrysene	21.248	228	125121	0.43	ng		97
34) Bis(2-ethylhexyl)phtha...	21.142	149	967070	6.71	ng		100
36) Indeno(1,2,3-cd)pyrene	25.712	276	168105	0.43	ng		99
37) Benzo(b)fluoranthene	22.776	252	143857	0.44	ng		99
38) Benzo(k)fluoranthene	22.820	252	129953	0.41	ng	#	97
39) Benzo(a)pyrene	23.351	252	134924	0.45	ng		99
40) Dibenzo(a,h)anthracene	25.733	278	134980	0.42	ng		99
41) Benzo(g,h,i)perylene	26.404	276	145801	0.43	ng		100

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

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