Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016824.D
Acq On : 08 Oct 2021 01:31
Operator : CG/JU
Sample : M4020-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/11/2021 2:09:50 PM

Quant Time: Oct 08 05:20:38 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	7.615	152	20656	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	95279	0.40	ng		# 0.00
13) Acenaphthene-d10	14.243	164	50030	0.40	ng		0.00
19) Phenanthrene-d10	17.005	188	95028	0.40	ng		0.00
29) Chrysene-d12	21.206	240	91134	0.40	ng		#-0.01
35) Perylene-d12	23.450	264	103237	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	17732	0.34	ng		0.04
5) Phenol-d6	6.812	99	19555	0.33	ng		0.02
8) Nitrobenzene-d5	8.759	82	20967	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	52647	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	7364	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	59979	0.30	ng		0.00
27) Fluoranthene-d10	19.043	212	88464	0.34	ng		0.00
31) Terphenyl-d14	19.654	244	66276	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	6319m	0.68	ng		
3) n-Nitrosodimethylamine	3.558	42	6860	0.42	ng	#	95
6) bis(2-Chloroethyl)ether	7.052	93	23715	0.42	ng		100
9) Naphthalene	10.432	128	99119	0.38	ng		100
10) Hexachlorobutadiene	10.723	225	18209	0.37	ng	#	100
12) 2-Methylnaphthalene	12.052	142	65170	0.39	ng		100
16) Acenaphthylene	13.964	152	85945	0.39	ng		100
17) Acenaphthene	14.307	154	55534	0.38	ng		99
18) Fluorene	15.296	166	67774	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.385	198	2894	0.32	ng	#	69
21) 4-Bromophenyl-phenylether	16.202	248	23618	0.40	ng		93
22) Hexachlorobenzene	16.312	284	25163	0.37	ng		100
23) Atrazine	16.482	200	18201	0.39	ng		99
24) Pentachlorophenol	16.652	266	4610	0.25	ng		99
25) Phenanthrene	17.042	178	116071	0.41	ng		100
26) Anthracene	17.127	178	101032	0.40	ng		99
28) Fluoranthene	19.073	202	136003	0.43	ng		100
30) Pyrene	19.435	202	137897	0.49	ng		99
32) Benzo(a)anthracene	21.195	228	128019	0.45	ng		97
33) Chrysene	21.249	228	125510	0.44	ng		98
34) Bis(2-ethylhexyl)phtha...	21.142	149	950511	6.64	ng		100
36) Indeno(1,2,3-cd)pyrene	25.713	276	166434	0.43	ng		100
37) Benzo(b)fluoranthene	22.776	252	143017	0.44	ng		99
38) Benzo(k)fluoranthene	22.820	252	129733	0.41	ng	#	98
39) Benzo(a)pyrene	23.351	252	134908	0.45	ng		99
40) Dibenzo(a,h)anthracene	25.733	278	134112	0.42	ng		100
41) Benzo(g,h,i)perylene	26.401	276	145164	0.43	ng		100

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

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