Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016939.D
Acq On : 13 Oct 2021 22:17
Operator : CG/JU
Sample : PB139869BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139869BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:52:50 AM

Quant Time: Oct 14 02:11:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.679	152	20275	0.40	ng		-0.01
7) Naphthalene-d8	10.444	136	88854	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	45675	0.40	ng		0.00
19) Phenanthrene-d10	17.029	188	85915	0.40	ng		#-0.01
29) Chrysene-d12	21.227	240	87584	0.40	ng		0.00
35) Perylene-d12	23.470	264	86684	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	15385	0.33	ng		0.00
5) Phenol-d6	6.868	99	16836	0.33	ng		0.00
8) Nitrobenzene-d5	8.822	82	17735	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	41110	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	5788	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	59332	0.34	ng		0.00
27) Fluoranthene-d10	19.068	212	72961	0.34	ng		0.00
31) Terphenyl-d14	19.678	244	64724	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	4728m	0.35	ng		
3) n-Nitrosodimethylamine	3.603	42	5320	0.34	ng		100
6) bis(2-Chloroethyl)ether	7.126	93	18959	0.35	ng		100
9) Naphthalene	10.495	128	77831	0.34	ng		100
10) Hexachlorobutadiene	10.787	225	15524	0.34	ng	#	100
12) 2-Methylnaphthalene	12.114	142	49898	0.34	ng		99
16) Acenaphthylene	14.015	152	59263	0.32	ng		100
17) Acenaphthene	14.357	154	42443	0.33	ng		99
18) Fluorene	15.347	166	50538	0.33	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	1333	0.27	ng	#	92
21) 4-Bromophenyl-phenylether	16.238	248	16467	0.33	ng		98
22) Hexachlorobenzene	16.348	284	19354	0.33	ng		99
23) Atrazine	16.518	200	10228	0.33	ng		100
24) Pentachlorophenol	16.701	266	4567	0.36	ng		99
25) Phenanthrene	17.078	178	83319	0.34	ng		100
26) Anthracene	17.163	178	69410	0.33	ng		100
28) Fluoranthene	19.097	202	95047	0.36	ng		100
30) Pyrene	19.460	202	94581	0.34	ng		100
32) Benzo(a)anthracene	21.216	228	89479	0.34	ng		99
33) Chrysene	21.259	228	100806	0.35	ng		96
34) Bis(2-ethylhexyl)phtha...	21.163	149	32176	0.38	ng		100
36) Indeno(1,2,3-cd)pyrene	25.747	276	97104	0.30	ng		99
37) Benzo(b)fluoranthene	22.796	252	97565	0.35	ng		99
38) Benzo(k)fluoranthene	22.841	252	97989	0.36	ng		98
39) Benzo(a)pyrene	23.375	252	85945	0.34	ng		100
40) Dibenzo(a,h)anthracene	25.764	278	79779	0.30	ng		99
41) Benzo(g,h,i)perylene	26.435	276	78412	0.28	ng		100

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

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