Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
Data File : BN014554.D
Acq On : 10 May 2021 13:11
Operator : CG/JU
Sample : PB136257BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136257BSD

Manual Integrations APPROVED
mohammad
5/11/2021 2:31:30 PM

Quant Time: May 10 13:48:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	833	0.40	ng		# 0.00
7) Naphthalene-d8	10.543	136	3040	0.40	ng		# 0.00
13) Acenaphthene-d10	14.397	164	1968	0.40	ng		0.00
19) Phenanthrene-d10	17.140	188	4495	0.40	ng		#-0.01
29) Chrysene-d12	21.345	240	5416	0.40	ng		0.00
35) Perylene-d12	23.623	264	5319	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.349	112	798	0.34	ng		0.00
5) Phenol-d6	6.911	99	1077	0.33	ng		0.00
8) Nitrobenzene-d5	8.895	82	828	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.133	152	2606	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	273	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	2740	0.38	ng		-0.01
27) Fluoranthene-d10	19.183	212	6496	0.34	ng		0.00
31) Terphenyl-d14	19.789	244	5026	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	356	0.34	ng		94
3) n-Nitrosodimethylamine	3.722	42	30	0.08	ng	#	1
6) bis(2-Chloroethyl)ether	7.185	93	865	0.37	ng		92
9) Naphthalene	10.581	128	2955	0.37	ng	#	92
10) Hexachlorobutadiene	10.885	225	694	0.36	ng	#	98
12) 2-Methylnaphthalene	12.208	142	2058	0.36	ng	#	92
16) Acenaphthylene	14.105	152	2471	0.32	ng		98
17) Acenaphthene	14.460	154	1928	0.36	ng		98
18) Fluorene	15.450	166	2533	0.36	ng		100
20) 4,6-Dinitro-2-methylph...	15.526	198	145	0.46	ng	#	1
21) 4-Bromophenyl-phenylether	16.337	248	991	0.36	ng	#	68
22) Hexachlorobenzene	16.459	284	1039	0.37	ng		91
23) Atrazine	16.617	200	513	0.27	ng		89
24) Pentachlorophenol	16.800	266	260	0.27	ng	#	40
25) Phenanthrene	17.189	178	4285	0.36	ng		98
26) Anthracene	17.274	178	3464	0.32	ng		99
28) Fluoranthene	19.213	202	5232	0.34	ng		98
30) Pyrene	19.575	202	5378	0.35	ng		99
32) Benzo(a)anthracene	21.324	228	5440	0.34	ng		99
33) Chrysene	21.377	228	6076	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.271	149	1327	0.23	ng	#	86
36) Indeno(1,2,3-cd)pyrene	25.930	276	7608	0.38	ng	#	92
37) Benzo(b)fluoranthene	22.938	252	6461m	0.37	ng		
38) Benzo(k)fluoranthene	22.982	252	6643	0.39	ng		96
39) Benzo(a)pyrene	23.523	252	5303	0.35	ng	#	92
40) Dibenzo(a,h)anthracene	25.947	278	6645	0.38	ng	#	91
41) Benzo(g,h,i)perylene	26.631	276	6297	0.37	ng	#	91

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

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