Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011322\
Data File : BN018398.D
Acq On : 13 Jan 2022 16:49
Operator : CG/JU
Sample : PB142013BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142013BSD

Quant Time: Jan 13 20:20:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	27515	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	126330	0.400	ng		-0.01
13) Acenaphthene-d10	14.243	164	63043	0.400	ng		-0.01
19) Phenanthrene-d10	16.981	188	110363	0.400	ng		#-0.01
29) Chrysene-d12	21.185	240	97231	0.400	ng		# 0.00
35) Perylene-d12	23.406	264	98227	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	31957	0.472	ng		-0.02
5) Phenol-d6	6.803	99	31336	0.462	ng		0.00
8) Nitrobenzene-d5	8.759	82	33314	0.470	ng		-0.01
11) 2-Methylnaphthalene-d10	11.985	152	79020	0.400	ng		-0.01
14) 2,4,6-Tribromophenol	15.740	330	9011	0.456	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	98303	0.432	ng		-0.01
27) Fluoranthene-d10	19.023	212	124801	0.396	ng		0.00
31) Terphenyl-d14	19.634	244	92365	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	5643	0.365	ng	#	57
3) n-Nitrosodimethylamine	3.484	42	11251	0.454	ng		90
6) bis(2-Chloroethyl)ether	7.052	93	32788	0.446	ng		99
9) Naphthalene	10.432	128	134885	0.420	ng		100
10) Hexachlorobutadiene	10.736	225	25779	0.432	ng	#	100
12) 2-Methylnaphthalene	12.060	142	83254	0.424	ng		99
16) Acenaphthylene	13.964	152	97043	0.388	ng		100
17) Acenaphthene	14.307	154	70846	0.405	ng		100
18) Fluorene	15.296	166	82099	0.418	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	1268	0.349	ng		96
21) 4-Bromophenyl-phenylether	16.190	248	24160	0.398	ng		97
22) Hexachlorobenzene	16.299	284	32367	0.401	ng	#	91
23) Atrazine	16.458	200	14491	0.372	ng	#	89
24) Pentachlorophenol	16.665	266	4818	0.479	ng		98
25) Phenanthrene	17.030	178	128265	0.413	ng		100
26) Anthracene	17.115	178	102759	0.401	ng		100
28) Fluoranthene	19.053	202	143599	0.436	ng	#	96
30) Pyrene	19.415	202	143535	0.417	ng		100
32) Benzo(a)anthracene	21.164	228	118230	0.413	ng		98
33) Chrysene	21.217	228	138676	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.121	149	65974	0.467	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.668	276	121319	0.389	ng	#	87
37) Benzo(b)fluoranthene	22.738	252	136242	0.428	ng	#	96
38) Benzo(k)fluoranthene	22.783	252	130839	0.420	ng	#	94
39) Benzo(a)pyrene	23.310	252	123913	0.421	ng	#	93
40) Dibenzo(a,h)anthracene	25.685	278	87921	0.361	ng	#	94
41) Benzo(g,h,i)perylene	26.349	276	114653	0.402	ng	#	91

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

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