Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016866.D
Acq On : 09 Oct 2021 05:37
Operator : CG/JU
Sample : PB139657BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139657BS

Quant Time: Oct 09 07:34:34 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 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	21727	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	96197	0.400	ng		# 0.00
13) Acenaphthene-d10	14.243	164	50126	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	98023	0.400	ng		#-0.01
29) Chrysene-d12	21.206	240	101281	0.400	ng		0.00
35) Perylene-d12	23.447	264	104965	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	18861	0.348	ng		0.00
5) Phenol-d6	6.794	99	21069	0.341	ng		0.00
8) Nitrobenzene-d5	8.759	82	21078	0.313	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	50590	0.353	ng		0.00
14) 2,4,6-Tribromophenol	15.741	330	7860	0.303	ng		-0.01
15) 2-Fluorobiphenyl	12.860	172	72160	0.357	ng		-0.01
27) Fluoranthene-d10	19.043	212	92430	0.339	ng		0.00
31) Terphenyl-d14	19.654	244	81667	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	3210	0.330	ng	#	72
3) n-Nitrosodimethylamine	3.567	42	6234	0.366	ng		95
6) bis(2-Chloroethyl)ether	7.052	93	21927	0.365	ng		99
9) Naphthalene	10.432	128	92731	0.354	ng		100
10) Hexachlorobutadiene	10.711	225	17948	0.358	ng	#	100
12) 2-Methylnaphthalene	12.052	142	60276	0.360	ng		100
16) Acenaphthylene	13.964	152	73494	0.332	ng		100
17) Acenaphthene	14.307	154	52243	0.355	ng		100
18) Fluorene	15.296	166	63276	0.354	ng		100
20) 4,6-Dinitro-2-methylph...	15.385	198	1389	0.260	ng	#	74
21) 4-Bromophenyl-phenylether	16.202	248	20881	0.342	ng	#	88
22) Hexachlorobenzene	16.300	284	24623	0.353	ng		99
23) Atrazine	16.482	200	13661	0.282	ng		97
24) Pentachlorophenol	16.652	266	7322	0.326	ng		99
25) Phenanthrene	17.042	178	104003	0.357	ng		100
26) Anthracene	17.127	178	85656	0.331	ng		100
28) Fluoranthene	19.073	202	116540	0.356	ng		100
30) Pyrene	19.435	202	116377	0.374	ng		100
32) Benzo(a)anthracene	21.196	228	109478	0.350	ng		97
33) Chrysene	21.238	228	125030	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.142	149	39273	0.247	ng		99
36) Indeno(1,2,3-cd)pyrene	25.709	276	138249	0.348	ng		99
37) Benzo(b)fluoranthene	22.773	252	124514	0.375	ng		99
38) Benzo(k)fluoranthene	22.817	252	126432	0.391	ng		99
39) Benzo(a)pyrene	23.348	252	110557	0.364	ng		99
40) Dibenzo(a,h)anthracene	25.726	278	112438	0.346	ng		99
41) Benzo(g,h,i)perylene	26.397	276	116110	0.336	ng		99

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

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