Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017482.D
Acq On : 16 Nov 2021 22:18
Operator : CG/JU
Sample : PB140751BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140751BS

Quant Time: Nov 17 00:24:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	25791	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	112872	0.400	ng	# 0.00
13) Acenaphthene-d10	14.486	164	57125	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	98473	0.400	ng	0.00
29) Chrysene-d12	21.420	240	77048	0.400	ng	# 0.00
35) Perylene-d12	23.794	264	56808	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	22802	0.371	ng	0.00
5) Phenol-d6	7.035	99	24193	0.366	ng	0.00
8) Nitrobenzene-d5	9.014	82	23132	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	64327	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	4627	0.319	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	80412	0.373	ng	0.00
27) Fluoranthene-d10	19.268	212	98821	0.336	ng	0.00
31) Terphenyl-d14	19.863	244	69548	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	3661	0.322	ng	# 86
3) n-Nitrosodimethylamine	3.743	42	7100	0.329	ng	# 1
6) bis(2-Chloroethyl)ether	7.293	93	25769	0.364	ng	94
9) Naphthalene	10.712	128	100078	0.353	ng	100
10) Hexachlorobutadiene	11.016	225	20924	0.353	ng	# 99
12) 2-Methylnaphthalene	12.324	142	63822	0.355	ng	99
16) Acenaphthylene	14.206	152	67391	0.317	ng	100
17) Acenaphthene	14.549	154	53350	0.346	ng	99
18) Fluorene	15.539	166	61060	0.344	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	582	0.270	ng	# 83
21) 4-Bromophenyl-phenylether	16.435	248	18656	0.334	ng	# 66
22) Hexachlorobenzene	16.544	284	21859	0.347	ng	98
23) Atrazine	16.702	200	9952	0.312	ng	97
24) Pentachlorophenol	16.885	266	3231	0.285	ng	98
25) Phenanthrene	17.274	178	94331	0.349	ng	100
26) Anthracene	17.359	178	73100	0.326	ng	99
28) Fluoranthene	19.297	202	101478	0.350	ng	100
30) Pyrene	19.660	202	99718	0.360	ng	100
32) Benzo(a)anthracene	21.398	228	78393	0.329	ng	98
33) Chrysene	21.452	228	87056	0.355	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	36213	0.290	ng	98
36) Indeno(1,2,3-cd)pyrene	26.238	276	38744	0.296	ng	98
37) Benzo(b)fluoranthene	23.071	252	74249	0.348	ng	97
38) Benzo(k)fluoranthene	23.116	252	67971	0.346	ng	# 97
39) Benzo(a)pyrene	23.684	252	53186	0.321	ng	96
40) Dibenzo(a,h)anthracene	26.262	278	28176	0.282	ng	# 88
41) Benzo(g,h,i)perylene	26.991	276	41841	0.339	ng	98

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

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