Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017491.D
Acq On : 17 Nov 2021 10:51
Operator : CG/JU
Sample : PB140437BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140437BS

Quant Time: Nov 17 11:24:11 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	29894	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	129386	0.400	ng		# 0.00
13) Acenaphthene-d10	14.486	164	65705	0.400	ng		-0.01
19) Phenanthrene-d10	17.238	188	111595	0.400	ng		0.00
29) Chrysene-d12	21.420	240	84956	0.400	ng		# 0.00
35) Perylene-d12	23.794	264	63466	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	26245	0.369	ng		0.00
5) Phenol-d6	7.026	99	28143	0.368	ng		0.00
8) Nitrobenzene-d5	9.014	82	26986	0.336	ng		0.00
11) 2-Methylnaphthalene-d10	12.248	152	73555	0.346	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	5576	0.334	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	89464	0.361	ng		0.00
27) Fluoranthene-d10	19.268	212	110659	0.332	ng		0.00
31) Terphenyl-d14	19.868	244	76551	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.402	88	6014	0.457	ng	#	89
3) n-Nitrosodimethylamine	3.725	42	8858	0.354	ng		93
6) bis(2-Chloroethyl)ether	7.293	93	30026	0.366	ng		94
9) Naphthalene	10.712	128	113637	0.349	ng		100
10) Hexachlorobutadiene	11.016	225	23731	0.349	ng	#	99
12) 2-Methylnaphthalene	12.324	142	72465	0.352	ng		98
16) Acenaphthylene	14.206	152	79532	0.325	ng		100
17) Acenaphthene	14.549	154	60557	0.341	ng		99
18) Fluorene	15.539	166	69670	0.341	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	911	0.332	ng		93
21) 4-Bromophenyl-phenylether	16.435	248	21162	0.335	ng	#	66
22) Hexachlorobenzene	16.544	284	24576	0.344	ng		97
23) Atrazine	16.702	200	11679	0.324	ng		98
24) Pentachlorophenol	16.885	266	6599	0.443	ng		99
25) Phenanthrene	17.274	178	107299	0.350	ng		100
26) Anthracene	17.359	178	84498	0.332	ng		100
28) Fluoranthene	19.297	202	113753	0.346	ng		100
30) Pyrene	19.660	202	111958	0.367	ng		100
32) Benzo(a)anthracene	21.398	228	87698	0.333	ng		98
33) Chrysene	21.452	228	95258	0.352	ng		98
34) Bis(2-ethylhexyl)phtha...	21.345	149	40870	0.297	ng		99
36) Indeno(1,2,3-cd)pyrene	26.238	276	44297	0.302	ng	#	95
37) Benzo(b)fluoranthene	23.071	252	83456	0.350	ng		97
38) Benzo(k)fluoranthene	23.119	252	76611	0.350	ng	#	96
39) Benzo(a)pyrene	23.684	252	60556	0.327	ng		97
40) Dibenzo(a,h)anthracene	26.262	278	32375	0.291	ng	#	81
41) Benzo(g,h,i)perylene	26.980	276	43385	0.315	ng		98

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

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