Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017552.D
Acq On : 22 Nov 2021 19:34
Operator : CG/JU
Sample : PB140957BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140957BSD

Quant Time: Nov 23 02:40:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	29035	0.400	ng		0.00
7) Naphthalene-d8	10.649	136	130959	0.400	ng		#-0.01
13) Acenaphthene-d10	14.486	164	68228	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	130591	0.400	ng		0.00
29) Chrysene-d12	21.409	240	116438	0.400	ng		# 0.00
35) Perylene-d12	23.780	264	89977	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.440	112	24350	0.338	ng		0.00
5) Phenol-d6	7.026	99	27419	0.338	ng		0.00
8) Nitrobenzene-d5	9.001	82	28500	0.330	ng		-0.01
11) 2-Methylnaphthalene-d10	12.240	152	76497	0.351	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	6331	0.302	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	92051	0.362	ng		0.00
27) Fluoranthene-d10	19.258	212	137651	0.343	ng		0.00
31) Terphenyl-d14	19.859	244	92047	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	4722	0.339	ng		96
3) n-Nitrosodimethylamine	3.716	42	8846	0.309	ng		95
6) bis(2-Chloroethyl)ether	7.284	93	30363	0.366	ng		95
9) Naphthalene	10.700	128	117510	0.354	ng		100
10) Hexachlorobutadiene	11.004	225	23354	0.356	ng	#	99
12) 2-Methylnaphthalene	12.311	142	76653	0.359	ng		98
16) Acenaphthylene	14.194	152	89102	0.327	ng		100
17) Acenaphthene	14.549	154	66165	0.352	ng		99
18) Fluorene	15.526	166	79376	0.350	ng		99
20) 4,6-Dinitro-2-methylph...	15.602	198	1473	0.364	ng		98
21) 4-Bromophenyl-phenylether	16.423	248	24106	0.336	ng	#	74
22) Hexachlorobenzene	16.544	284	27242	0.351	ng		95
23) Atrazine	16.690	200	15287	0.322	ng		97
24) Pentachlorophenol	16.885	266	4705	0.335	ng		99
25) Phenanthrene	17.262	178	129155	0.353	ng		100
26) Anthracene	17.360	178	103992	0.333	ng		100
28) Fluoranthene	19.288	202	145029	0.359	ng		99
30) Pyrene	19.650	202	144353	0.366	ng		100
32) Benzo(a)anthracene	21.399	228	123390	0.340	ng		99
33) Chrysene	21.452	228	137355	0.355	ng		99
34) Bis(2-ethylhexyl)phtha...	21.335	149	49348	0.353	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.228	276	81342	0.296	ng	#	94
37) Benzo(b)fluoranthene	23.061	252	120335	0.368	ng		98
38) Benzo(k)fluoranthene	23.109	252	115086	0.362	ng		98
39) Benzo(a)pyrene	23.674	252	91557	0.339	ng		99
40) Dibenzo(a,h)anthracene	26.245	278	63959	0.284	ng	#	92
41) Benzo(g,h,i)perylene	26.970	276	70260	0.299	ng		96

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

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