Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023984.D
Acq On : 08 Feb 2023 01:09
Operator : CG/JU
Sample : PB150670BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150670BSD

Quant Time: Feb 08 02:39:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 02:37:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4367	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	10922	0.400	ng		0.00
13) Acenaphthene-d10	14.485	164	6837	0.400	ng		0.00
19) Phenanthrene-d10	17.241	188	15236	0.400	ng		0.00
29) Chrysene-d12	21.428	240	11195	0.400	ng	#	0.00
35) Perylene-d12	23.799	264	8163	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3552	0.391	ng		0.00
5) Phenol-d6	7.010	99	4088	0.382	ng		0.00
8) Nitrobenzene-d5	9.004	82	3427	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	6064	0.399	ng		0.00
14) 2,4,6-Tribromophenol	15.987	330	1225	0.348	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	10978	0.406	ng		0.00
27) Fluoranthene-d10	19.271	212	13504	0.365	ng		0.00
31) Terphenyl-d14	19.869	244	9023	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1816	0.438	ng		97
3) n-Nitrosodimethylamine	3.601	42	1854	0.400	ng	#	93
6) bis(2-Chloroethyl)ether	7.269	93	4549	0.425	ng		99
9) Naphthalene	10.690	128	11004	0.404	ng		99
10) Hexachlorobutadiene	10.979	225	2981	0.417	ng	#	100
12) 2-Methylnaphthalene	12.310	142	7363	0.406	ng		97
16) Acenaphthylene	14.207	152	9652	0.363	ng		99
17) Acenaphthene	14.549	154	7203	0.398	ng		99
18) Fluorene	15.532	166	9895	0.403	ng		99
20) 4,6-Dinitro-2-methylph...	15.629	198	782	0.413	ng		88
21) 4-Bromophenyl-phenylether	16.434	248	3866	0.390	ng		98
22) Hexachlorobenzene	16.546	284	4823	0.405	ng		99
23) Atrazine	16.707	200	2245	0.346	ng	#	95
24) Pentachlorophenol	16.893	266	1236	0.382	ng		93
25) Phenanthrene	17.278	178	16421	0.391	ng		100
26) Anthracene	17.365	178	12791	0.370	ng		99
28) Fluoranthene	19.300	202	17434	0.362	ng		100
30) Pyrene	19.663	202	17225	0.444	ng		99
32) Benzo(a)anthracene	21.410	228	13317	0.372	ng		99
33) Chrysene	21.464	228	15553	0.402	ng		98
34) Bis(2-ethylhexyl)phtha...	21.330	149	5119	0.313	ng		99
36) Indeno(1,2,3-cd)pyrene	26.249	276	14165	0.382	ng		100
37) Benzo(b)fluoranthene	23.077	252	13507	0.409	ng		96
38) Benzo(k)fluoranthene	23.124	252	13028	0.399	ng		96
39) Benzo(a)pyrene	23.694	252	9432	0.376	ng		95
40) Dibenzo(a,h)anthracene	26.272	278	11368	0.383	ng		99
41) Benzo(g,h,i)perylene	27.009	276	12575	0.399	ng		98

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

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