Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021823\
Data File : BN024070.D
Acq On : 17 Feb 2023 18:15
Operator : CG/JU
Sample : PB150903BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Quant Time: Feb 18 02:02:35 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 15 02:55:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4478	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	11519	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6688	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	14610	0.400	ng	#	0.00
29) Chrysene-d12	21.428	240	10870	0.400	ng		0.00
35) Perylene-d12	23.825	264	8080	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3697	0.397	ng		0.00
5) Phenol-d6	6.995	99	4426	0.404	ng		0.00
8) Nitrobenzene-d5	8.993	82	3777	0.408	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6246	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	1153	0.335	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11116	0.420	ng		0.00
27) Fluoranthene-d10	19.262	212	13401	0.378	ng		0.00
31) Terphenyl-d14	19.865	244	8941	0.441	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1859	0.438	ng		99
3) n-Nitrosodimethylamine	3.600	42	1973	0.415	ng		99
6) bis(2-Chloroethyl)ether	7.255	93	4713	0.430	ng		98
9) Naphthalene	10.680	128	11888	0.414	ng		100
10) Hexachlorobutadiene	10.968	225	3101	0.411	ng	#	100
12) 2-Methylnaphthalene	12.303	142	7661	0.401	ng		99
16) Acenaphthylene	14.196	152	9940	0.382	ng		99
17) Acenaphthene	14.538	154	7349	0.415	ng		99
18) Fluorene	15.532	166	9887	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	698	0.398	ng	#	54
21) 4-Bromophenyl-phenylether	16.421	248	3728	0.393	ng	#	89
22) Hexachlorobenzene	16.533	284	4611	0.404	ng		96
23) Atrazine	16.694	200	2269	0.365	ng	#	92
24) Pentachlorophenol	16.881	266	1204	0.386	ng		95
25) Phenanthrene	17.265	178	16270	0.404	ng		99
26) Anthracene	17.365	178	12496	0.377	ng		100
28) Fluoranthene	19.296	202	17582	0.381	ng		100
30) Pyrene	19.658	202	17252	0.458	ng		99
32) Benzo(a)anthracene	21.419	228	13497	0.388	ng		100
33) Chrysene	21.464	228	15628	0.416	ng		100
34) Bis(2-ethylhexyl)phtha...	21.339	149	5644	0.355	ng		100
36) Indeno(1,2,3-cd)pyrene	26.293	276	15247	0.415	ng		98
37) Benzo(b)fluoranthene	23.094	252	13537	0.414	ng		96
38) Benzo(k)fluoranthene	23.141	252	13404	0.415	ng	#	95
39) Benzo(a)pyrene	23.711	252	9746	0.393	ng	#	95
40) Dibenzo(a,h)anthracene	26.313	278	12066	0.411	ng		97
41) Benzo(g,h,i)perylene	27.047	276	13384	0.429	ng		97

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

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