Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034052.D
Acq On : 19 Sep 2024 16:27
Operator : JU/RC
Sample : PB163341BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163341BS

Quant Time: Sep 19 17:03:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	8638	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	24792	0.400	ng		0.00
13) Acenaphthene-d10	14.083	164	13364	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	22485	0.400	ng	#	0.00
29) Chrysene-d12	21.062	240	18706	0.400	ng		0.00
35) Perylene-d12	23.192	264	24163	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	10051	0.410	ng		0.00
5) Phenol-d6	6.629	99	11532	0.404	ng		0.00
8) Nitrobenzene-d5	8.568	82	7405	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	11.791	152	14256	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	2310	0.382	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	22489	0.414	ng		0.00
27) Fluoranthene-d10	18.885	212	31002	0.546	ng		0.00
31) Terphenyl-d14	19.508	244	20465	0.548	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	4294	0.398	ng		93
3) n-Nitrosodimethylamine	3.379	42	4909	0.399	ng	#	96
6) bis(2-Chloroethyl)ether	6.874	93	10756	0.426	ng		98
9) Naphthalene	10.233	128	27551	0.405	ng		99
10) Hexachlorobutadiene	10.532	225	5271	0.411	ng	#	100
12) 2-Methylnaphthalene	11.867	142	17152	0.387	ng		100
16) Acenaphthylene	13.795	152	22769	0.398	ng		100
17) Acenaphthene	14.147	154	16361	0.399	ng		99
18) Fluorene	15.142	166	20666	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.238	198	1220	0.430	ng	#	66
21) 4-Bromophenyl-phenylether	16.039	248	6186	0.489	ng	#	73
22) Hexachlorobenzene	16.151	284	7185	0.507	ng		99
23) Atrazine	16.324	200	5053	0.482	ng	#	93
24) Pentachlorophenol	16.498	266	1432	0.306	ng		99
25) Phenanthrene	16.883	178	24909	0.386	ng		100
26) Anthracene	16.970	178	20352	0.386	ng		100
28) Fluoranthene	18.918	202	40425	0.540	ng		100
30) Pyrene	19.285	202	40878	0.518	ng		100
32) Benzo(a)anthracene	21.053	228	22880	0.387	ng		99
33) Chrysene	21.098	228	26758	0.379	ng		100
34) Bis(2-ethylhexyl)phtha...	21.017	149	10935	0.444	ng		98
36) Indeno(1,2,3-cd)pyrene	25.282	276	28323	0.274	ng		95
37) Benzo(b)fluoranthene	22.566	252	37119	0.392	ng		97
38) Benzo(k)fluoranthene	22.607	252	40608	0.409	ng	#	94
39) Benzo(a)pyrene	23.101	252	30535	0.396	ng		95
40) Dibenzo(a,h)anthracene	25.300	278	22061	0.274	ng		97
41) Benzo(g,h,i)perylene	25.920	276	24793	0.274	ng		96

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

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