Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034039.D
Acq On : 18 Sep 2024 15:30
Operator : JU/RC
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 18 16:17:35 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	7.437	152	7777	0.400	ng		0.00
7) Naphthalene-d8	10.197	136	22212	0.400	ng		0.00
13) Acenaphthene-d10	14.082	164	13128	0.400	ng		0.00
19) Phenanthrene-d10	16.843	188	28109	0.400	ng		0.00
29) Chrysene-d12	21.059	240	24472	0.400	ng		0.00
35) Perylene-d12	23.189	264	21702	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.075	112	105855	4.796	ng		0.00
5) Phenol-d6	6.635	99	138167	5.382	ng		0.00
8) Nitrobenzene-d5	8.574	82	93192	5.485	ng		0.00
11) 2-Methylnaphthalene-d10	11.794	152	169448	5.166	ng		0.00
14) 2,4,6-Tribromophenol	15.589	330	36052	6.062	ng		0.00
15) 2-Fluorobiphenyl	12.692	172	261776	4.903	ng		-0.01
27) Fluoranthene-d10	18.882	212	376792	5.313	ng		0.00
31) Terphenyl-d14	19.505	244	241874	4.949	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.074	88	43217	4.445	ng		94
3) n-Nitrosodimethylamine	3.371	42	53717	4.854	ng	#	97
6) bis(2-Chloroethyl)ether	6.881	93	112939	4.972	ng		98
9) Naphthalene	10.240	128	301970	4.954	ng		99
10) Hexachlorobutadiene	10.539	225	54229	4.722	ng	#	99
12) 2-Methylnaphthalene	11.869	142	204358	5.151	ng		98
16) Acenaphthylene	13.793	152	314757	5.601	ng		100
17) Acenaphthene	14.146	154	203453	5.048	ng		98
18) Fluorene	15.140	166	265939	5.028	ng		99
21) 4-Bromophenyl-phenylether	16.048	248	82958	5.250	ng	#	92
22) Hexachlorobenzene	16.147	284	89079	5.028	ng		99
23) Atrazine	16.334	200	71154	5.434	ng		97
25) Phenanthrene	16.880	178	412524	5.111	ng		100
26) Anthracene	16.967	178	376171	5.711	ng		100
28) Fluoranthene	18.915	202	493549	5.278	ng		99
30) Pyrene	19.282	202	510885	4.946	ng		100
32) Benzo(a)anthracene	21.041	228	412990	5.334	ng		99
33) Chrysene	21.095	228	461460	4.996	ng		100
34) Bis(2-ethylhexyl)phtha...	21.005	149	167044	5.180	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.273	276	473110	5.088	ng		99
37) Benzo(b)fluoranthene	22.560	252	460182	5.413	ng	#	92
38) Benzo(k)fluoranthene	22.601	252	461573	5.172	ng	#	88
39) Benzo(a)pyrene	23.095	252	382292	5.517	ng	#	87
40) Dibenzo(a,h)anthracene	25.291	278	371244	5.139	ng		96
41) Benzo(g,h,i)perylene	25.908	276	404439	4.985	ng		98

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

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