Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034037.D
Acq On : 18 Sep 2024 14:17
Operator : JU/RC
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 18 16:15:21 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	7111	0.400	ng		0.00
7) Naphthalene-d8	10.197	136	20316	0.400	ng		0.00
13) Acenaphthene-d10	14.082	164	11808	0.400	ng		0.00
19) Phenanthrene-d10	16.842	188	26045	0.400	ng		0.00
29) Chrysene-d12	21.059	240	21614	0.400	ng		0.00
35) Perylene-d12	23.186	264	19600	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.075	112	32667	1.619	ng		0.00
5) Phenol-d6	6.635	99	39860	1.698	ng		0.00
8) Nitrobenzene-d5	8.574	82	27285	1.756	ng		0.00
11) 2-Methylnaphthalene-d10	11.794	152	50974	1.699	ng		0.00
14) 2,4,6-Tribromophenol	15.589	330	9079	1.697	ng		0.00
15) 2-Fluorobiphenyl	12.692	172	79979	1.665	ng		-0.01
27) Fluoranthene-d10	18.882	212	109826	1.671	ng		0.00
31) Terphenyl-d14	19.505	244	70948	1.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.074	88	13871	1.560	ng		92
3) n-Nitrosodimethylamine	3.371	42	17236	1.703	ng	#	96
6) bis(2-Chloroethyl)ether	6.881	93	34796	1.675	ng		99
9) Naphthalene	10.240	128	93335	1.674	ng		99
10) Hexachlorobutadiene	10.539	225	17309	1.648	ng	#	100
12) 2-Methylnaphthalene	11.869	142	61705	1.701	ng		98
16) Acenaphthylene	13.793	152	87178	1.725	ng		100
17) Acenaphthene	14.146	154	60082	1.657	ng		99
18) Fluorene	15.140	166	79821	1.678	ng		99
20) 4,6-Dinitro-2-methylph...	15.226	198	6762	1.537	ng	#	58
21) 4-Bromophenyl-phenylether	16.048	248	24600	1.680	ng		96
22) Hexachlorobenzene	16.147	284	27375	1.668	ng		99
23) Atrazine	16.334	200	20513	1.691	ng		98
24) Pentachlorophenol	16.495	266	9892	1.822	ng		99
25) Phenanthrene	16.880	178	124101	1.659	ng		100
26) Anthracene	16.967	178	105007	1.720	ng		99
28) Fluoranthene	18.915	202	147270	1.700	ng		100
30) Pyrene	19.277	202	148059	1.623	ng		100
32) Benzo(a)anthracene	21.041	228	112646	1.647	ng		99
33) Chrysene	21.095	228	134824	1.653	ng		99
34) Bis(2-ethylhexyl)phtha...	21.005	149	39500	1.387	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.273	276	138960	1.655	ng		99
37) Benzo(b)fluoranthene	22.560	252	132911	1.731	ng	#	94
38) Benzo(k)fluoranthene	22.601	252	137998	1.712	ng	#	90
39) Benzo(a)pyrene	23.095	252	107316	1.715	ng	#	89
40) Dibenzo(a,h)anthracene	25.288	278	108998	1.671	ng		97
41) Benzo(g,h,i)perylene	25.908	276	120262	1.641	ng		99

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

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