Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030535.D
Acq On : 29 Mar 2024 17:45
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Mar 29 23:53:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:46:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6814	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	20158	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	11247	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	25134	0.400	ng		0.00
29) Chrysene-d12	21.285	240	22760	0.400	ng		0.00
35) Perylene-d12	23.527	264	20221	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	11398	0.768	ng		0.00
5) Phenol-d6	6.873	99	14535	0.762	ng		0.00
8) Nitrobenzene-d5	8.852	82	10911	0.770	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	24245	0.786	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	3181	0.749	ng		0.00
15) 2-Fluorobiphenyl	12.969	172	33808	0.778	ng		0.00
27) Fluoranthene-d10	19.126	212	53547	0.790	ng		0.00
31) Terphenyl-d14	19.730	244	42070	0.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	6320	0.769	ng		98
3) n-Nitrosodimethylamine	3.544	42	6280	0.790	ng		100
6) bis(2-Chloroethyl)ether	7.140	93	14678	0.780	ng		99
9) Naphthalene	10.538	128	43649	0.781	ng		99
10) Hexachlorobutadiene	10.827	225	9011	0.790	ng	#	100
12) 2-Methylnaphthalene	12.156	142	28693	0.782	ng		99
16) Acenaphthylene	14.060	152	39141	0.768	ng		100
17) Acenaphthene	14.402	154	27730	0.786	ng		98
18) Fluorene	15.396	166	36273	0.790	ng		99
20) 4,6-Dinitro-2-methylph...	15.471	198	2178	0.734	ng	#	73
21) 4-Bromophenyl-phenylether	16.283	248	11738	0.773	ng		98
22) Hexachlorobenzene	16.395	284	14250	0.786	ng		99
23) Atrazine	16.556	200	8406	0.761	ng		99
24) Pentachlorophenol	16.742	266	4198	0.732	ng		98
25) Phenanthrene	17.127	178	58655	0.787	ng		99
26) Anthracene	17.226	178	48532	0.776	ng		100
28) Fluoranthene	19.154	202	70347	0.794	ng		100
30) Pyrene	19.521	202	70213	0.788	ng		100
32) Benzo(a)anthracene	21.267	228	62514	0.776	ng		100
33) Chrysene	21.321	228	67085	0.776	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	24754	0.708	ng		100
36) Indeno(1,2,3-cd)pyrene	25.793	276	68286	0.763	ng		100
37) Benzo(b)fluoranthene	22.852	252	66442	0.808	ng		96
38) Benzo(k)fluoranthene	22.899	252	66608	0.807	ng		97
39) Benzo(a)pyrene	23.428	252	51168	0.777	ng		94
40) Dibenzo(a,h)anthracene	25.816	278	54775	0.772	ng		98
41) Benzo(g,h,i)perylene	26.489	276	58078	0.761	ng		99

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

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