Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080724\
Data File : BN033290.D
Acq On : 07 Aug 2024 20:00
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 08 04:31:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:24:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	4772	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	13956	0.400	ng		0.00
13) Acenaphthene-d10	14.222	164	9277	0.400	ng		0.00
19) Phenanthrene-d10	16.969	188	20862	0.400	ng		0.00
29) Chrysene-d12	21.178	240	19870	0.400	ng		0.00
35) Perylene-d12	23.367	264	23171	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2557	0.188	ng		0.00
5) Phenol-d6	6.758	99	3399	0.191	ng		0.00
8) Nitrobenzene-d5	8.717	82	1609	0.139	ng		0.00
11) 2-Methylnaphthalene-d10	11.954	152	4234	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	730	0.164	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	6612	0.188	ng		0.00
27) Fluoranthene-d10	19.010	212	11076	0.195	ng		0.00
31) Terphenyl-d14	19.633	244	6817	0.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	1099	0.188	ng		95
3) n-Nitrosodimethylamine	3.494	42	1329	0.239	ng	#	93
6) bis(2-Chloroethyl)ether	7.026	93	2843	0.186	ng		99
9) Naphthalene	10.404	128	7632	0.203	ng		95
10) Hexachlorobutadiene	10.703	225	1421	0.216	ng	#	98
12) 2-Methylnaphthalene	12.025	142	5250	0.204	ng	#	95
16) Acenaphthylene	13.933	152	8488	0.198	ng		99
17) Acenaphthene	14.286	154	5385	0.196	ng		100
18) Fluorene	15.280	166	7320	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	251	0.070	ng	#	14
21) 4-Bromophenyl-phenylether	16.175	248	2463	0.208	ng		95
22) Hexachlorobenzene	16.287	284	2543	0.207	ng		99
23) Atrazine	16.460	200	2007	0.185	ng		94
24) Pentachlorophenol	16.622	266	821	0.135	ng		97
25) Phenanthrene	17.007	178	11597	0.200	ng		99
26) Anthracene	17.106	178	11220	0.209	ng		100
28) Fluoranthene	19.043	202	14522	0.207	ng		100
30) Pyrene	19.405	202	15275	0.193	ng		100
32) Benzo(a)anthracene	21.160	228	14819	0.198	ng		100
33) Chrysene	21.214	228	14588	0.206	ng		99
34) Bis(2-ethylhexyl)phtha...	21.151	149	7939	0.155	ng		99
36) Indeno(1,2,3-cd)pyrene	25.548	276	18661	0.216	ng		100
37) Benzo(b)fluoranthene	22.715	252	16302	0.193	ng		96
38) Benzo(k)fluoranthene	22.762	252	16033	0.201	ng		97
39) Benzo(a)pyrene	23.270	252	14433	0.198	ng		96
40) Dibenzo(a,h)anthracene	25.574	278	14703	0.216	ng		96
41) Benzo(g,h,i)perylene	26.203	276	16242	0.222	ng		96

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

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