Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031469.D
Acq On : 10 May 2024 19:17
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 11 00:27:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12471	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	39993	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	23174	0.400	ng	-0.01
19) Phenanthrene-d10	17.091	188	50955	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	42784	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	42921	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	11172	0.315	ng	0.00
5) Phenol-d6	6.866	99	15231	0.319	ng	0.00
8) Nitrobenzene-d5	8.852	82	10766	0.375	ng	-0.01
11) 2-Methylnaphthalene-d10	12.088	152	22091	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	2485	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	33164	0.371	ng	-0.01
27) Fluoranthene-d10	19.119	212	48097	0.340	ng	0.00
31) Terphenyl-d14	19.727	244	34380	0.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	5335	0.348	ng	# 87
3) n-Nitrosodimethylamine	3.551	42	5357	0.354	ng	# 95
6) bis(2-Chloroethyl)ether	7.140	93	14730	0.354	ng	98
9) Naphthalene	10.539	128	39755	0.358	ng	97
10) Hexachlorobutadiene	10.827	225	7051	0.362	ng	# 100
12) 2-Methylnaphthalene	12.160	142	26471	0.349	ng	99
16) Acenaphthylene	14.060	152	39051	0.335	ng	100
17) Acenaphthene	14.402	154	25752	0.354	ng	98
18) Fluorene	15.397	166	33033	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.461	198	1482	0.356	ng	# 58
21) 4-Bromophenyl-phenylether	16.284	248	10403	0.349	ng	# 80
22) Hexachlorobenzene	16.383	284	11620	0.386	ng	99
23) Atrazine	16.557	200	7492	0.277	ng	94
24) Pentachlorophenol	16.731	266	3022	0.284	ng	98
25) Phenanthrene	17.128	178	52298	0.367	ng	100
26) Anthracene	17.215	178	46406	0.329	ng	100
28) Fluoranthene	19.147	202	61505	0.355	ng	100
30) Pyrene	19.509	202	61441	0.355	ng	100
32) Benzo(a)anthracene	21.256	228	52990	0.321	ng	99
33) Chrysene	21.309	228	53767	0.342	ng	99
34) Bis(2-ethylhexyl)phtha...	21.211	149	19793	0.205	ng	98
36) Indeno(1,2,3-cd)pyrene	25.788	276	49969	0.292	ng	99
37) Benzo(b)fluoranthene	22.841	252	52035	0.338	ng	100
38) Benzo(k)fluoranthene	22.885	252	55471	0.380	ng	99
39) Benzo(a)pyrene	23.417	252	43850	0.327	ng	100
40) Dibenzo(a,h)anthracene	25.805	278	40862	0.301	ng	100
41) Benzo(g,h,i)perylene	26.469	276	42044	0.288	ng	99

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

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