Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032129.D
Acq On : 21 Jun 2024 13:39
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 21 14:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	9544	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	33380	0.400	ng		0.00
13) Acenaphthene-d10	14.274	164	21700	0.400	ng		-0.01
19) Phenanthrene-d10	17.029	188	43060	0.400	ng		# 0.00
29) Chrysene-d12	21.229	240	26202	0.400	ng		# 0.00
35) Perylene-d12	23.455	264	23763	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	9416	0.347	ng		0.00
5) Phenol-d6	6.823	99	13013	0.366	ng		0.00
8) Nitrobenzene-d5	8.798	82	9862	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	12.013	152	20818	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	3696	0.355	ng		0.00
15) 2-Fluorobiphenyl	12.895	172	32233	0.392	ng		-0.01
27) Fluoranthene-d10	19.068	212	38890	0.332	ng		0.00
31) Terphenyl-d14	19.672	244	29022	0.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	4835	0.414	ng		98
3) n-Nitrosodimethylamine	3.515	42	3449	0.311	ng	#	98
6) bis(2-Chloroethyl)ether	7.076	93	9921	0.324	ng		97
9) Naphthalene	10.464	128	34836	0.388	ng		99
10) Hexachlorobutadiene	10.741	225	6745	0.429	ng	#	100
12) 2-Methylnaphthalene	12.089	142	24825	0.404	ng		99
16) Acenaphthylene	13.996	152	37336	0.373	ng		100
17) Acenaphthene	14.338	154	24393	0.379	ng		99
18) Fluorene	15.333	166	31601	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.440	198	794	0.262	ng	#	38
21) 4-Bromophenyl-phenylether	16.222	248	10282	0.421	ng	#	83
22) Hexachlorobenzene	16.334	284	11475	0.453	ng		97
23) Atrazine	16.507	200	8122	0.363	ng		95
24) Pentachlorophenol	16.694	266	3252	0.372	ng		99
25) Phenanthrene	17.066	178	47161	0.395	ng		100
26) Anthracene	17.165	178	43224	0.390	ng		100
28) Fluoranthene	19.100	202	50063	0.346	ng		99
30) Pyrene	19.463	202	49958	0.480	ng		100
32) Benzo(a)anthracene	21.220	228	39195	0.397	ng		99
33) Chrysene	21.265	228	37012	0.397	ng		98
34) Bis(2-ethylhexyl)phtha...	21.139	149	35234	0.523	ng		99
36) Indeno(1,2,3-cd)pyrene	25.700	276	38302	0.432	ng		99
37) Benzo(b)fluoranthene	22.788	252	36203	0.418	ng		97
38) Benzo(k)fluoranthene	22.829	252	35255	0.431	ng		95
39) Benzo(a)pyrene	23.358	252	29921	0.400	ng		94
40) Dibenzo(a,h)anthracene	25.709	278	30342	0.434	ng		98
41) Benzo(g,h,i)perylene	26.387	276	31909	0.425	ng		97

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

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