Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032091.D
Acq On : 20 Jun 2024 05:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 20 05:30:09 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	9249	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	33276	0.400	ng		0.00
13) Acenaphthene-d10	14.274	164	22485	0.400	ng		-0.01
19) Phenanthrene-d10	17.029	188	47086	0.400	ng	#	0.00
29) Chrysene-d12	21.229	240	29771	0.400	ng		0.00
35) Perylene-d12	23.449	264	23706	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	8545	0.325	ng		0.00
5) Phenol-d6	6.823	99	11806	0.342	ng		0.00
8) Nitrobenzene-d5	8.798	82	9018	0.326	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	21083	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	3012	0.279	ng		0.00
15) 2-Fluorobiphenyl	12.906	172	32270	0.378	ng		0.00
27) Fluoranthene-d10	19.068	212	43262	0.338	ng		0.00
31) Terphenyl-d14	19.672	244	34209	0.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	3843	0.339	ng		98
3) n-Nitrosodimethylamine	3.515	42	3531	0.328	ng		99
6) bis(2-Chloroethyl)ether	7.075	93	9903	0.334	ng		98
9) Naphthalene	10.464	128	34340	0.383	ng		100
10) Hexachlorobutadiene	10.741	225	6117	0.391	ng	#	100
12) 2-Methylnaphthalene	12.092	142	24455	0.399	ng		99
16) Acenaphthylene	13.996	152	34683	0.335	ng		100
17) Acenaphthene	14.338	154	24669	0.370	ng		99
18) Fluorene	15.333	166	32778	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.439	198	1629	0.339	ng	#	85
21) 4-Bromophenyl-phenylether	16.222	248	10565	0.396	ng	#	78
22) Hexachlorobenzene	16.334	284	11508	0.416	ng		99
23) Atrazine	16.507	200	7347	0.300	ng		97
24) Pentachlorophenol	16.693	266	3061	0.344	ng		100
25) Phenanthrene	17.066	178	50137	0.384	ng		100
26) Anthracene	17.165	178	42411	0.350	ng		100
28) Fluoranthene	19.096	202	54057	0.341	ng		99
30) Pyrene	19.463	202	52914	0.447	ng		100
32) Benzo(a)anthracene	21.211	228	39254	0.350	ng		99
33) Chrysene	21.265	228	40996	0.387	ng		100
34) Bis(2-ethylhexyl)phtha...	21.139	149	21611	0.282	ng		98
36) Indeno(1,2,3-cd)pyrene	25.689	276	37165	0.420	ng		100
37) Benzo(b)fluoranthene	22.779	252	37000	0.428	ng		98
38) Benzo(k)fluoranthene	22.823	252	35584	0.436	ng		99
39) Benzo(a)pyrene	23.350	252	29858	0.401	ng		99
40) Dibenzo(a,h)anthracene	25.697	278	29889	0.429	ng		97
41) Benzo(g,h,i)perylene	26.373	276	32052	0.428	ng		98

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

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