Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028341.D
Acq On : 23 Oct 2023 10:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 23 15:14:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.878	152	4260	0.400	ng		0.00
7) Naphthalene-d8	10.703	136	13884	0.400	ng		0.00
13) Acenaphthene-d10	14.534	164	8545	0.400	ng		0.00
19) Phenanthrene-d10	17.294	188	19281	0.400	ng		0.00
29) Chrysene-d12	21.488	240	17655	0.400	ng	#	0.00
35) Perylene-d12	23.937	264	17843	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.430	112	4099	0.310	ng		0.00
5) Phenol-d6	7.055	99	5109	0.314	ng		0.00
8) Nitrobenzene-d5	9.102	82	4171	0.339	ng		0.00
11) 2-Methylnaphthalene-d10	12.294	152	8315	0.398	ng		0.00
14) 2,4,6-Tribromophenol	16.065	330	1024	0.246	ng		0.00
15) 2-Fluorobiphenyl	13.165	172	11994	0.399	ng		0.00
27) Fluoranthene-d10	19.328	212	19767	0.383	ng		0.00
31) Terphenyl-d14	19.918	244	15465	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1938	0.377	ng		94
3) n-Nitrosodimethylamine	3.668	42	2373	0.422	ng		91
6) bis(2-Chloroethyl)ether	7.322	93	5685	0.453	ng		87
9) Naphthalene	10.757	128	14491	0.402	ng		99
10) Hexachlorobutadiene	10.959	225	2426	0.393	ng	#	100
12) 2-Methylnaphthalene	12.370	142	10196	0.398	ng		99
16) Acenaphthylene	14.256	152	13502	0.352	ng		99
17) Acenaphthene	14.598	154	9836	0.407	ng		97
18) Fluorene	15.581	166	13110	0.412	ng		99
20) 4,6-Dinitro-2-methylph...	15.804	198	375	0.456	ng	#	1
21) 4-Bromophenyl-phenylether	16.475	248	3886	0.391	ng	#	81
22) Hexachlorobenzene	16.561	284	3953	0.387	ng		98
23) Atrazine	16.760	200	3132	0.336	ng		97
24) Pentachlorophenol	17.033	266	722	0.155	ng		93
25) Phenanthrene	17.331	178	20866	0.395	ng		100
26) Anthracene	17.430	178	18471	0.366	ng		99
28) Fluoranthene	19.356	202	25026	0.377	ng		98
30) Pyrene	19.727	202	25362	0.420	ng		100
32) Benzo(a)anthracene	21.471	228	22448	0.358	ng		97
33) Chrysene	21.524	228	25972	0.433	ng		97
34) Bis(2-ethylhexyl)phtha...	21.345	149	11880	0.248	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.504	276	25888	0.360	ng		99
37) Benzo(b)fluoranthene	23.177	252	23077	0.414	ng	#	93
38) Benzo(k)fluoranthene	23.227	252	24170	0.426	ng	#	94
39) Benzo(a)pyrene	23.829	252	22030	0.397	ng	#	94
40) Dibenzo(a,h)anthracene	26.519	278	21355	0.366	ng		95
41) Benzo(g,h,i)perylene	27.305	276	22785	0.378	ng		96

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

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