Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028277.D
Acq On : 13 Oct 2023 14:04
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 13 17:26:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.878	152	3681	0.400	ng		-0.01
7) Naphthalene-d8	10.703	136	11826	0.400	ng		-0.01
13) Acenaphthene-d10	14.534	164	7256	0.400	ng		-0.01
19) Phenanthrene-d10	17.294	188	16247	0.400	ng		#-0.01
29) Chrysene-d12	21.498	240	16332	0.400	ng		0.00
35) Perylene-d12	23.955	264	19022	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	4190	0.367	ng		-0.01
5) Phenol-d6	7.041	99	5368	0.381	ng		-0.01
8) Nitrobenzene-d5	9.080	82	3850	0.367	ng		-0.02
11) 2-Methylnaphthalene-d10	12.290	152	7123	0.401	ng		0.00
14) 2,4,6-Tribromophenol	16.040	330	1146	0.324	ng		-0.01
15) 2-Fluorobiphenyl	13.155	172	10275	0.402	ng		-0.01
27) Fluoranthene-d10	19.333	212	16917	0.389	ng		0.00
31) Terphenyl-d14	19.923	244	13693	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.292	88	2038	0.458	ng	#	88
3) n-Nitrosodimethylamine	3.653	42	1955	0.402	ng		99
6) bis(2-Chloroethyl)ether	7.315	93	4405	0.406	ng		98
9) Naphthalene	10.746	128	12526	0.408	ng		100
10) Hexachlorobutadiene	10.960	225	2094	0.398	ng	#	99
12) 2-Methylnaphthalene	12.366	142	8784	0.403	ng		100
16) Acenaphthylene	14.266	152	12175	0.373	ng		99
17) Acenaphthene	14.598	154	8421	0.410	ng		100
18) Fluorene	15.581	166	10895	0.403	ng		99
20) 4,6-Dinitro-2-methylph...	15.730	198	367	0.496	ng		95
21) 4-Bromophenyl-phenylether	16.475	248	3338	0.399	ng	#	82
22) Hexachlorobenzene	16.562	284	3495	0.406	ng		99
23) Atrazine	16.760	200	2766	0.353	ng		100
24) Pentachlorophenol	16.946	266	1275	0.324	ng		97
25) Phenanthrene	17.344	178	17928	0.403	ng		100
26) Anthracene	17.430	178	16095	0.379	ng		100
28) Fluoranthene	19.365	202	21702	0.388	ng		99
30) Pyrene	19.732	202	22468	0.402	ng		99
32) Benzo(a)anthracene	21.480	228	23010	0.397	ng		98
33) Chrysene	21.533	228	22470	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.354	149	15858	0.358	ng		96
36) Indeno(1,2,3-cd)pyrene	26.531	276	29585	0.386	ng		99
37) Benzo(b)fluoranthene	23.198	252	23367	0.393	ng		95
38) Benzo(k)fluoranthene	23.244	252	24090	0.398	ng	#	95
39) Benzo(a)pyrene	23.847	252	23032	0.389	ng		95
40) Dibenzo(a,h)anthracene	26.548	278	24103	0.387	ng		95
41) Benzo(g,h,i)perylene	27.337	276	25215	0.392	ng		96

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

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