Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
Data File : BN034077.D
Acq On : 20 Sep 2024 08:59
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 20 09:27:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	7351	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	21759	0.400	ng		0.00
13) Acenaphthene-d10	14.073	164	12311	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	27394	0.400	ng	#	0.00
29) Chrysene-d12	21.053	240	18572	0.400	ng		0.00
35) Perylene-d12	23.183	264	16166	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	8463	0.406	ng		0.00
5) Phenol-d6	6.629	99	9893	0.408	ng		0.00
8) Nitrobenzene-d5	8.568	82	6532	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	11.791	152	12781	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	2058	0.369	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	20639	0.412	ng		0.00
27) Fluoranthene-d10	18.881	212	26734	0.387	ng		0.00
31) Terphenyl-d14	19.498	244	16597	0.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.076	88	3648	0.397	ng		93
3) n-Nitrosodimethylamine	3.372	42	4318	0.413	ng	#	93
6) bis(2-Chloroethyl)ether	6.874	93	8694	0.405	ng		99
9) Naphthalene	10.233	128	23985	0.402	ng		99
10) Hexachlorobutadiene	10.532	225	4552	0.405	ng	#	99
12) 2-Methylnaphthalene	11.863	142	15466	0.398	ng		100
16) Acenaphthylene	13.795	152	20579	0.391	ng		99
17) Acenaphthene	14.137	154	15225	0.403	ng		99
18) Fluorene	15.142	166	20169	0.407	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1431	0.419	ng	#	68
21) 4-Bromophenyl-phenylether	16.039	248	6137	0.398	ng	#	89
22) Hexachlorobenzene	16.138	284	6962	0.403	ng		98
23) Atrazine	16.324	200	4690	0.368	ng		97
24) Pentachlorophenol	16.498	266	2184	0.383	ng		98
25) Phenanthrene	16.870	178	31902	0.406	ng		100
26) Anthracene	16.970	178	25337	0.395	ng		100
28) Fluoranthene	18.908	202	35432	0.389	ng		100
30) Pyrene	19.275	202	35976	0.459	ng		100
32) Benzo(a)anthracene	21.044	228	24572	0.418	ng		99
33) Chrysene	21.089	228	29020	0.414	ng		100
34) Bis(2-ethylhexyl)phtha...	21.008	149	6279	0.257	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.268	276	25726	0.371	ng		99
37) Benzo(b)fluoranthene	22.554	252	26105	0.412	ng		99
38) Benzo(k)fluoranthene	22.595	252	29147	0.438	ng		99
39) Benzo(a)pyrene	23.089	252	20763	0.402	ng		98
40) Dibenzo(a,h)anthracene	25.285	278	19704	0.366	ng		98
41) Benzo(g,h,i)perylene	25.899	276	21848	0.361	ng		99

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

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