Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102224\
Data File : BN034676.D
Acq On : 22 Oct 2024 13:38
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Oct 22 14:39:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 14:37:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.661	152	7553	0.400	ng		0.00
7) Naphthalene-d8	10.436	136	21359	0.400	ng		0.00
13) Acenaphthene-d10	14.286	164	11268	0.400	ng		0.00
19) Phenanthrene-d10	17.032	188	23281	0.400	ng		0.00
29) Chrysene-d12	21.223	240	18586	0.400	ng		0.00
35) Perylene-d12	23.431	264	20661	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.271	112	8716	0.353	ng		0.00
5) Phenol-d6	6.838	99	10846	0.345	ng		0.00
8) Nitrobenzene-d5	8.803	82	6510	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	11160	0.359	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	1685	0.307	ng		0.00
15) 2-Fluorobiphenyl	12.918	172	15959	0.377	ng		0.00
27) Fluoranthene-d10	19.066	212	21538	0.365	ng		0.00
31) Terphenyl-d14	19.679	244	13317	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.241	88	3391	0.379	ng		100
3) n-Nitrosodimethylamine	3.538	42	3993	0.412	ng		100
6) bis(2-Chloroethyl)ether	7.098	93	8429	0.383	ng		100
9) Naphthalene	10.479	128	21830	0.376	ng		100
10) Hexachlorobutadiene	10.789	225	3570	0.361	ng	#	100
12) 2-Methylnaphthalene	12.105	142	13762	0.374	ng		100
16) Acenaphthylene	14.008	152	19131	0.349	ng		100
17) Acenaphthene	14.350	154	13141	0.379	ng		100
18) Fluorene	15.345	166	16541	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.419	198	1090	0.532	ng		100
21) 4-Bromophenyl-phenylether	16.237	248	4822	0.382	ng		100
22) Hexachlorobenzene	16.349	284	5452	0.376	ng		100
23) Atrazine	16.510	200	4171	0.354	ng		100
24) Pentachlorophenol	16.684	266	1906	0.303	ng		100
25) Phenanthrene	17.069	178	25663	0.401	ng		100
26) Anthracene	17.168	178	22869	0.368	ng		100
28) Fluoranthene	19.099	202	29415	0.396	ng		100
30) Pyrene	19.461	202	30373	0.406	ng		100
32) Benzo(a)anthracene	21.205	228	26179	0.386	ng		100
33) Chrysene	21.259	228	26208	0.403	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	17728	0.379	ng		100
36) Indeno(1,2,3-cd)pyrene	25.645	276	31171	0.392	ng		100
37) Benzo(b)fluoranthene	22.771	252	27698	0.394	ng		100
38) Benzo(k)fluoranthene	22.814	252	26895	0.398	ng		100
39) Benzo(a)pyrene	23.332	252	23811	0.383	ng		100
40) Dibenzo(a,h)anthracene	25.665	278	24442	0.386	ng		100
41) Benzo(g,h,i)perylene	26.314	276	27350	0.402	ng		100

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

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