Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102224\
Data File : BN034678.D
Acq On : 22 Oct 2024 14:51
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Oct 22 15:27:41 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	7.662	152	6970	0.400	ng		0.00
7) Naphthalene-d8	10.436	136	19895	0.400	ng		0.00
13) Acenaphthene-d10	14.286	164	10438	0.400	ng		0.00
19) Phenanthrene-d10	17.032	188	22637	0.400	ng		0.00
29) Chrysene-d12	21.223	240	18183	0.400	ng		0.00
35) Perylene-d12	23.426	264	19714	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.271	112	35402	1.554	ng		0.00
5) Phenol-d6	6.838	99	45101	1.554	ng		0.00
8) Nitrobenzene-d5	8.803	82	27493	1.748	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	47807	1.653	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	7656	1.505	ng		0.00
15) 2-Fluorobiphenyl	12.918	172	68854	1.756	ng		0.00
27) Fluoranthene-d10	19.066	212	95044	1.657	ng		0.00
31) Terphenyl-d14	19.675	244	57988	1.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	13519	1.639	ng		99
3) n-Nitrosodimethylamine	3.538	42	16990	1.901	ng	#	98
6) bis(2-Chloroethyl)ether	7.098	93	34752	1.711	ng		99
9) Naphthalene	10.479	128	92068	1.705	ng		99
10) Hexachlorobutadiene	10.789	225	14792	1.608	ng	#	99
12) 2-Methylnaphthalene	12.105	142	59186	1.726	ng		99
16) Acenaphthylene	14.008	152	85252	1.680	ng		100
17) Acenaphthene	14.350	154	57688	1.795	ng		99
18) Fluorene	15.345	166	72794	1.817	ng		100
20) 4,6-Dinitro-2-methylph...	15.420	198	5254	2.635	ng	#	60
21) 4-Bromophenyl-phenylether	16.237	248	20799	1.693	ng		95
22) Hexachlorobenzene	16.349	284	23306	1.655	ng		99
23) Atrazine	16.510	200	18763	1.638	ng		96
24) Pentachlorophenol	16.684	266	9497	1.553	ng		98
25) Phenanthrene	17.069	178	111149	1.785	ng		100
26) Anthracene	17.168	178	102701	1.701	ng		100
28) Fluoranthene	19.099	202	129583	1.794	ng		100
30) Pyrene	19.457	202	133267	1.821	ng		100
32) Benzo(a)anthracene	21.205	228	117764	1.775	ng		100
33) Chrysene	21.259	228	114525	1.801	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	80651	1.763	ng		99
36) Indeno(1,2,3-cd)pyrene	25.642	276	131852	1.739	ng		100
37) Benzo(b)fluoranthene	22.768	252	120926	1.802	ng	#	93
38) Benzo(k)fluoranthene	22.815	252	118689	1.839	ng	#	93
39) Benzo(a)pyrene	23.332	252	103928	1.754	ng	#	91
40) Dibenzo(a,h)anthracene	25.662	278	103986	1.720	ng		97
41) Benzo(g,h,i)perylene	26.311	276	113747	1.753	ng		98

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

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