Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034571.D
Acq On : 14 Oct 2024 15:00
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Oct 14 17:38:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 16:58:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.365	152	4538	0.400	ng		0.00
7) Naphthalene-d8	10.116	136	13642	0.400	ng		0.00
13) Acenaphthene-d10	14.008	164	8194	0.400	ng		-0.01
19) Phenanthrene-d10	16.771	188	17593	0.400	ng		#-0.01
29) Chrysene-d12	21.008	240	4449	0.400	ng		0.00
35) Perylene-d12	23.104	264	10039	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.004	112	20007	1.626	ng		0.00
5) Phenol-d6	6.564	99	23297	1.827	ng		0.00
8) Nitrobenzene-d5	8.504	82	15836	1.780	ng		-0.01
11) 2-Methylnaphthalene-d10	11.716	152	35014	1.712	ng		0.00
14) 2,4,6-Tribromophenol	15.517	330	6711	1.848	ng		-0.01
15) 2-Fluorobiphenyl	12.629	172	46334	1.640	ng		-0.01
27) Fluoranthene-d10	18.820	212	71264	1.666	ng		0.00
31) Terphenyl-d14	19.443	244	47162	1.632	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.018	88	8245	1.506	ng		96
3) n-Nitrosodimethylamine	3.314	42	8351	1.675	ng		99
6) bis(2-Chloroethyl)ether	6.809	93	18097	1.735	ng		98
9) Naphthalene	10.159	128	58890	1.650	ng		99
10) Hexachlorobutadiene	10.458	225	12531	1.610	ng	#	100
12) 2-Methylnaphthalene	11.791	142	39727	1.727	ng		99
16) Acenaphthylene	13.730	152	57883	1.738	ng		100
17) Acenaphthene	14.072	154	39545	1.677	ng		99
18) Fluorene	15.077	166	52445	1.740	ng		100
20) 4,6-Dinitro-2-methylph...	16.275	198	412	1.705	ng	#	38
21) 4-Bromophenyl-phenylether	15.977	248	16246	1.701	ng	#	89
22) Hexachlorobenzene	16.076	284	20816	1.615	ng		98
23) Atrazine	16.275	200	13495	1.774	ng		95
24) Pentachlorophenol	16.436	266	6481	1.757	ng		97
25) Phenanthrene	16.808	178	78235	1.685	ng		100
26) Anthracene	16.908	178	70368	1.747	ng		99
28) Fluoranthene	18.848	202	89312	1.689	ng		100
30) Pyrene	19.215	202	88500	2.027	ng		100
33) Chrysene	21.035	228	73052	1.833	ng		99
36) Indeno(1,2,3-cd)pyrene	25.159	276	63865	1.638	ng		100
37) Benzo(b)fluoranthene	22.484	252	59747	1.780	ng	#	92
38) Benzo(k)fluoranthene	22.525	252	66092	1.729	ng	#	91
39) Benzo(a)pyrene	23.013	252	49001	1.682	ng	#	86
40) Dibenzo(a,h)anthracene	25.174	278	49447	1.657	ng		93
41) Benzo(g,h,i)perylene	25.779	276	57439	1.610	ng		99

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

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