Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012924\
Data File : BN029406.D
Acq On : 29 Jan 2024 18:16
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 30 03:23:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4276	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	11341	0.400	ng		0.00
13) Acenaphthene-d10	14.543	164	5470	0.400	ng		0.00
19) Phenanthrene-d10	17.293	188	10526	0.400	ng		0.00
29) Chrysene-d12	21.492	240	8733	0.400	ng		0.00
35) Perylene-d12	23.882	264	8333	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	51432	4.400	ng		0.00
5) Phenol-d6	7.060	99	67355	4.292	ng		0.00
8) Nitrobenzene-d5	9.057	82	52870	4.427	ng		-0.01
11) 2-Methylnaphthalene-d10	12.291	152	81565	4.510	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	10035	4.165	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	117321	4.641	ng		-0.01
27) Fluoranthene-d10	19.327	212	141281	4.658	ng		0.00
31) Terphenyl-d14	19.935	244	103805	4.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	27325	4.741	ng		97
3) n-Nitrosodimethylamine	3.694	42	26930	4.803	ng	#	92
6) bis(2-Chloroethyl)ether	7.334	93	61722	4.224	ng		97
9) Naphthalene	10.744	128	162659	4.509	ng		99
10) Hexachlorobutadiene	11.032	225	29449	4.460	ng	#	100
12) 2-Methylnaphthalene	12.363	142	99773	4.296	ng		99
16) Acenaphthylene	14.254	152	141348	4.886	ng		99
17) Acenaphthene	14.597	154	88811	4.595	ng		98
18) Fluorene	15.592	166	111839	4.354	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	9438	5.171	ng	#	43
21) 4-Bromophenyl-phenylether	16.486	248	33075	4.628	ng		93
22) Hexachlorobenzene	16.585	284	37954	4.627	ng		98
23) Atrazine	16.771	200	25638	4.782	ng	#	92
24) Pentachlorophenol	16.933	266	15367	5.052	ng		99
25) Phenanthrene	17.330	178	162096	4.523	ng		99
26) Anthracene	17.429	178	150158	4.746	ng		99
28) Fluoranthene	19.359	202	187972	4.464	ng		100
30) Pyrene	19.722	202	190745	4.810	ng		100
32) Benzo(a)anthracene	21.483	228	165233	4.648	ng		97
33) Chrysene	21.528	228	166868	4.516	ng		99
34) Bis(2-ethylhexyl)phtha...	21.429	149	95079	4.359	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.347	276	183373	5.084	ng	#	91
37) Benzo(b)fluoranthene	23.154	252	163699	4.647	ng	#	90
38) Benzo(k)fluoranthene	23.204	252	166963	4.868	ng	#	89
39) Benzo(a)pyrene	23.774	252	139753	4.917	ng	#	84
40) Dibenzo(a,h)anthracene	26.379	278	148435	5.118	ng	#	88
41) Benzo(g,h,i)perylene	27.104	276	168278	5.336	ng		96

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

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