Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029336.D
Acq On : 22 Jan 2024 17:48
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 23 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 01:24:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	3468	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	9663	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5607	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	12452	0.400	ng		0.00
29) Chrysene-d12	21.510	240	12636	0.400	ng		0.00
35) Perylene-d12	23.908	264	13118	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	29825	3.470	ng		0.00
5) Phenol-d6	7.074	99	39867	3.496	ng		0.00
8) Nitrobenzene-d5	9.078	82	32416	3.618	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	54311	3.294	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	9789	5.691	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	85471	3.274	ng		0.00
27) Fluoranthene-d10	19.345	212	130475	3.455	ng		0.00
31) Terphenyl-d14	19.949	244	101968	3.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	14518	3.429	ng		95
3) n-Nitrosodimethylamine	3.709	42	16542	3.928	ng	#	100
6) bis(2-Chloroethyl)ether	7.349	93	37172	3.474	ng		100
9) Naphthalene	10.765	128	101277	3.367	ng		97
10) Hexachlorobutadiene	11.043	225	20888	3.207	ng	#	100
12) 2-Methylnaphthalene	12.382	142	67438	3.336	ng		99
16) Acenaphthylene	14.276	152	103412	3.626	ng		100
17) Acenaphthene	14.618	154	66367	3.430	ng		98
18) Fluorene	15.604	166	89869	3.393	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	8639	4.722	ng	#	82
21) 4-Bromophenyl-phenylether	16.498	248	30070	4.538	ng	#	65
22) Hexachlorobenzene	16.597	284	36458	3.364	ng		99
23) Atrazine	16.784	200	23821	3.892	ng		98
24) Pentachlorophenol	16.945	266	14696	4.394	ng		98
25) Phenanthrene	17.342	178	141800	3.412	ng		100
26) Anthracene	17.442	178	133249	3.667	ng		99
28) Fluoranthene	19.373	202	179808	3.527	ng		100
30) Pyrene	19.735	202	183455	3.438	ng		100
32) Benzo(a)anthracene	21.492	228	181678	3.727	ng		100
33) Chrysene	21.546	228	177715	3.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.447	149	95892	4.360	ng		99
36) Indeno(1,2,3-cd)pyrene	26.393	276	200942	3.426	ng		100
37) Benzo(b)fluoranthene	23.180	252	182150	3.296	ng		97
38) Benzo(k)fluoranthene	23.230	252	184623	3.439	ng		97
39) Benzo(a)pyrene	23.803	252	154077	3.463	ng		94
40) Dibenzo(a,h)anthracene	26.420	278	162801	3.438	ng		96
41) Benzo(g,h,i)perylene	27.153	276	168640	3.375	ng		98

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

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