Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029388.D
Acq On : 25 Jan 2024 16:09
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN012524

Quant Time: Jan 26 01:45:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:42:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4818	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	13934	0.400	ng	-0.01
13) Acenaphthene-d10	14.543	164	7626	0.400	ng	-0.01
19) Phenanthrene-d10	17.305	188	17283	0.400	ng	0.00
29) Chrysene-d12	21.510	240	14710	0.400	ng	# 0.00
35) Perylene-d12	23.911	264	14516	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	4563	0.346	ng	0.00
5) Phenol-d6	7.060	99	6024	0.341	ng	-0.01
8) Nitrobenzene-d5	9.067	82	4906	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.299	152	7501	0.338	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	1057	0.315	ng	-0.01
15) 2-Fluorobiphenyl	13.175	172	11728	0.333	ng	0.00
27) Fluoranthene-d10	19.341	212	15790	0.317	ng	0.00
31) Terphenyl-d14	19.954	244	12491	0.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	2345	0.361	ng	99
3) n-Nitrosodimethylamine	3.709	42	2120	0.336	ng	# 91
6) bis(2-Chloroethyl)ether	7.334	93	5758	0.350	ng	98
9) Naphthalene	10.754	128	15016	0.339	ng	99
10) Hexachlorobutadiene	11.032	225	2744	0.338	ng	# 98
12) 2-Methylnaphthalene	12.371	142	9418	0.330	ng	99
16) Acenaphthylene	14.265	152	12790	0.317	ng	100
17) Acenaphthene	14.607	154	8934	0.332	ng	98
18) Fluorene	15.592	166	11693	0.326	ng	100
20) 4,6-Dinitro-2-methylph...	15.679	198	777	0.330	ng	94
21) 4-Bromophenyl-phenylether	16.498	248	3792	0.323	ng	96
22) Hexachlorobenzene	16.598	284	4511	0.335	ng	100
23) Atrazine	16.771	200	2687	0.305	ng	99
24) Pentachlorophenol	16.945	266	1394	0.341	ng	100
25) Phenanthrene	17.342	178	19534	0.332	ng	100
26) Anthracene	17.442	178	16422	0.316	ng	100
28) Fluoranthene	19.373	202	22142	0.320	ng	100
30) Pyrene	19.735	202	22627	0.339	ng	100
32) Benzo(a)anthracene	21.501	228	19486	0.325	ng	99
33) Chrysene	21.546	228	20384	0.327	ng	99
34) Bis(2-ethylhexyl)phtha...	21.447	149	10155	0.276	ng	99
36) Indeno(1,2,3-cd)pyrene	26.393	276	19156	0.305	ng	99
37) Benzo(b)fluoranthene	23.183	252	19715	0.321	ng	99
38) Benzo(k)fluoranthene	23.233	252	19474	0.326	ng	99
39) Benzo(a)pyrene	23.803	252	15306	0.309	ng	99
40) Dibenzo(a,h)anthracene	26.423	278	15421	0.305	ng	98
41) Benzo(g,h,i)perylene	27.151	276	16803	0.306	ng	100

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

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