Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017589.D
Acq On : 24 Nov 2021 20:16
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 25 02:38:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 02:34:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	24411	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	98930	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	56460	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	115893	0.400	ng	0.00
29) Chrysene-d12	21.314	240	112467	0.400	ng	0.00
35) Perylene-d12	23.626	264	81311	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	200213	3.309	ng	0.00
5) Phenol-d6	6.925	99	228488	3.347	ng	0.00
8) Nitrobenzene-d5	8.887	82	200835	3.083	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	548546	3.329	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	109368	6.306	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	691497	3.289	ng	0.00
27) Fluoranthene-d10	19.154	212	1279694	3.590	ng	0.00
31) Terphenyl-d14	19.759	244	840310	3.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.301	88	37785	3.227	ng	# 100
3) n-Nitrosodimethylamine	3.614	42	81021	3.364	ng	# 61
6) bis(2-Chloroethyl)ether	7.183	93	220334	3.162	ng	100
9) Naphthalene	10.573	128	791986	3.155	ng	99
10) Hexachlorobutadiene	10.877	225	198008	4.000	ng	# 100
12) 2-Methylnaphthalene	12.195	142	519634	3.217	ng	100
16) Acenaphthylene	14.093	152	801474	3.558	ng	100
17) Acenaphthene	14.435	154	495305	3.184	ng	98
18) Fluorene	15.425	166	628164	3.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.501	198	7773	1.440	ng	# 48
21) 4-Bromophenyl-phenylether	16.313	248	242330	3.808	ng	93
22) Hexachlorobenzene	16.435	284	263783	3.834	ng	100
25) Phenanthrene	17.153	178	1023448	3.155	ng	100
26) Anthracene	17.250	178	972134	3.505	ng	100
28) Fluoranthene	19.184	202	1215722	3.390	ng	100
30) Pyrene	19.546	202	1267107	3.330	ng	100
32) Benzo(a)anthracene	21.293	228	1224427	3.497	ng	99
33) Chrysene	21.346	228	1164040	3.114	ng	100
34) Bis(2-ethylhexyl)phtha...	21.240	149	400588	2.967	ng	100
36) Indeno(1,2,3-cd)pyrene	25.995	276	566643	2.283	ng	96
37) Benzo(b)fluoranthene	22.925	252	1019506	3.446	ng	99
38) Benzo(k)fluoranthene	22.973	252	955524	3.330	ng	98
39) Benzo(a)pyrene	23.524	252	822209	3.368	ng	99
40) Dibenzo(a,h)anthracene	26.015	278	482384	2.367	ng	# 95
41) Benzo(g,h,i)perylene	26.717	276	413850	1.948	ng	97

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

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