Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017590.D
Acq On : 24 Nov 2021 20:52
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 25 02:38:29 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	7.754	152	25338	0.400	ng		0.00
7) Naphthalene-d8	10.535	136	98425	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	55539	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	114028	0.400	ng		0.00
29) Chrysene-d12	21.314	240	107517	0.400	ng		0.00
35) Perylene-d12	23.626	264	79993	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.339	112	302721	4.820	ng		0.00
5) Phenol-d6	6.925	99	345599	4.878	ng		0.00
8) Nitrobenzene-d5	8.887	82	328797	5.073	ng		0.00
11) 2-Methylnaphthalene-d10	12.124	152	806996	4.922	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	165397	9.695	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	1020293	4.933	ng		0.00
27) Fluoranthene-d10	19.154	212	1851164	5.278	ng		0.00
31) Terphenyl-d14	19.759	244	1225566	5.188	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.301	88	59181	4.870	ng	#	100
3) n-Nitrosodimethylamine	3.614	42	124038	4.962	ng	#	58
6) bis(2-Chloroethyl)ether	7.183	93	327621	4.530	ng		100
9) Naphthalene	10.573	128	1179536	4.723	ng		99
10) Hexachlorobutadiene	10.877	225	294479	5.980	ng	#	100
12) 2-Methylnaphthalene	12.195	142	759593	4.727	ng		100
16) Acenaphthylene	14.092	152	1188339	5.363	ng		100
17) Acenaphthene	14.435	154	734068	4.796	ng		97
18) Fluorene	15.425	166	908658	4.927	ng		100
21) 4-Bromophenyl-phenylether	16.313	248	358731	5.729	ng		95
22) Hexachlorobenzene	16.435	284	383738	5.669	ng		100
25) Phenanthrene	17.153	178	1496931	4.690	ng		100
26) Anthracene	17.250	178	1434425	5.257	ng		100
28) Fluoranthene	19.183	202	1744064	4.942	ng		100
30) Pyrene	19.546	202	1846951	5.077	ng		100
32) Benzo(a)anthracene	21.293	228	1796361	5.367	ng		99
33) Chrysene	21.346	228	1694222	4.741	ng		100
34) Bis(2-ethylhexyl)phtha...	21.239	149	630292	4.884	ng		99
36) Indeno(1,2,3-cd)pyrene	25.995	276	853555	3.496	ng		96
37) Benzo(b)fluoranthene	22.924	252	1491840	5.126	ng		99
38) Benzo(k)fluoranthene	22.972	252	1418151	5.024	ng		98
39) Benzo(a)pyrene	23.523	252	1219237	5.077	ng		99
40) Dibenzo(a,h)anthracene	26.019	278	727043	3.627	ng	#	95
41) Benzo(g,h,i)perylene	26.720	276	628151	3.005	ng		98

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

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