Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016846.D
Acq On : 08 Oct 2021 16:14
Operator : CG/JU
Sample : PB139589BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139589BSD

Quant Time: Oct 08 16:43:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	19127	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	84203	0.400	ng	#	0.00
13) Acenaphthene-d10	14.243	164	44005	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	84749	0.400	ng		0.00
29) Chrysene-d12	21.217	240	89077	0.400	ng	#	0.01
35) Perylene-d12	23.454	264	95316	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	17548	0.367	ng		0.00
5) Phenol-d6	6.794	99	19788	0.364	ng		0.00
8) Nitrobenzene-d5	8.759	82	19829	0.336	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	45615	0.364	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	7424	0.326	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	65913	0.371	ng		0.00
27) Fluoranthene-d10	19.043	212	82971	0.352	ng		0.00
31) Terphenyl-d14	19.659	244	75275	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	3005	0.351	ng	#	73
3) n-Nitrosodimethylamine	3.567	42	5655	0.377	ng		97
6) bis(2-Chloroethyl)ether	7.052	93	19969	0.378	ng		99
9) Naphthalene	10.432	128	84039	0.366	ng		100
10) Hexachlorobutadiene	10.723	225	16290	0.372	ng	#	100
12) 2-Methylnaphthalene	12.052	142	54613	0.372	ng		100
16) Acenaphthylene	13.964	152	67368	0.347	ng		100
17) Acenaphthene	14.307	154	47301	0.366	ng		100
18) Fluorene	15.296	166	57460	0.366	ng		100
20) 4,6-Dinitro-2-methylph...	15.398	198	1558	0.275	ng	#	73
21) 4-Bromophenyl-phenylether	16.202	248	19045	0.361	ng		95
22) Hexachlorobenzene	16.312	284	21875	0.363	ng		99
23) Atrazine	16.482	200	12830	0.306	ng		99
24) Pentachlorophenol	16.652	266	7224	0.357	ng		99
25) Phenanthrene	17.042	178	93109	0.370	ng		100
26) Anthracene	17.139	178	78854	0.353	ng		100
28) Fluoranthene	19.073	202	105211	0.372	ng		100
30) Pyrene	19.440	202	107170	0.391	ng		100
32) Benzo(a)anthracene	21.195	228	104355	0.379	ng		99
33) Chrysene	21.249	228	110167	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	41255	0.295	ng		100
36) Indeno(1,2,3-cd)pyrene	25.720	276	140015	0.388	ng		99
37) Benzo(b)fluoranthene	22.779	252	114717	0.380	ng		99
38) Benzo(k)fluoranthene	22.824	252	118850	0.405	ng	#	98
39) Benzo(a)pyrene	23.358	252	105558	0.383	ng		99
40) Dibenzo(a,h)anthracene	25.740	278	113952	0.386	ng		99
41) Benzo(g,h,i)perylene	26.408	276	118200	0.377	ng		99

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

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