Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016252.D
Acq On : 09 Sep 2021 11:01
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 09 14:36:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 14:04:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	12843	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	57787	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	33095	0.400	ng		0.00
19) Phenanthrene-d10	17.237	188	66848	0.400	ng		0.00
29) Chrysene-d12	21.429	240	67446	0.400	ng	#	0.00
35) Perylene-d12	23.823	264	49844	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	154091	4.250	ng		0.00
5) Phenol-d6	7.034	99	199873	4.313	ng		0.00
8) Nitrobenzene-d5	9.013	82	230020	4.958	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	441879	4.802	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	80608	5.458	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	609868	4.888	ng		0.00
27) Fluoranthene-d10	19.276	212	989144	4.928	ng		0.00
31) Terphenyl-d14	19.872	244	828266	4.860	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	20691	5.036	ng		98
3) n-Nitrosodimethylamine	3.714	42	51648	5.170	ng	#	100
6) bis(2-Chloroethyl)ether	7.292	93	157582	4.701	ng		98
9) Naphthalene	10.711	128	738883	4.831	ng		100
10) Hexachlorobutadiene	10.990	225	148970	4.785	ng	#	100
12) 2-Methylnaphthalene	12.318	142	494418	4.792	ng		99
16) Acenaphthylene	14.218	152	754439	5.081	ng		100
17) Acenaphthene	14.548	154	480102	5.106	ng		97
18) Fluorene	15.537	166	591259	5.006	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	50870	10.729	ng	#	51
21) 4-Bromophenyl-phenylether	16.433	248	182955	5.181	ng		97
22) Hexachlorobenzene	16.555	284	205911	4.941	ng		100
23) Atrazine	16.701	200	187109	5.234	ng		98
24) Pentachlorophenol	16.896	266	81427	7.613	ng		98
25) Phenanthrene	17.285	178	946476	5.057	ng		100
26) Anthracene	17.370	178	916706	5.138	ng		100
28) Fluoranthene	19.306	202	1087992	4.902	ng		100
30) Pyrene	19.669	202	1137667	5.178	ng		100
32) Benzo(a)anthracene	21.419	228	1134515	5.009	ng		99
33) Chrysene	21.472	228	1079858	4.906	ng		99
34) Bis(2-ethylhexyl)phtha...	21.344	149	714312	4.684	ng		99
36) Indeno(1,2,3-cd)pyrene	26.298	276	520452	3.754	ng		100
37) Benzo(b)fluoranthene	23.098	252	973319	5.719	ng		98
38) Benzo(k)fluoranthene	23.146	252	875719	5.619	ng		98
39) Benzo(a)pyrene	23.717	252	778902	5.156	ng		96
41) Benzo(g,h,i)perylene	27.058	276	409623	3.517	ng		96

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

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