Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072221\
Data File : BN015642.D
Acq On : 21 Jul 2021 12:56
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 21 14:16:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 14:10:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.744	152	12800	0.400	ng		0.00
7) Naphthalene-d8	10.521	136	57330	0.400	ng		0.00
13) Acenaphthene-d10	14.370	164	30034	0.400	ng		0.00
19) Phenanthrene-d10	17.127	188	57663	0.400	ng		0.00
29) Chrysene-d12	21.323	240	55240	0.400	ng		0.00
35) Perylene-d12	23.635	264	55619	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.346	112	7973	0.217	ng		0.00
5) Phenol-d6	6.914	99	9383	0.215	ng		0.00
8) Nitrobenzene-d5	8.886	82	7739	0.188	ng		0.00
11) 2-Methylnaphthalene-d10	12.118	152	20467	0.217	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	2349	0.216	ng		0.00
15) 2-Fluorobiphenyl	13.000	172	24818	0.205	ng		0.00
27) Fluoranthene-d10	19.162	212	37361	0.214	ng		0.00
31) Terphenyl-d14	19.768	244	25800	0.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	799	0.128	ng		98
3) n-Nitrosodimethylamine	3.650	42	2067	0.196	ng		100
6) bis(2-Chloroethyl)ether	7.172	93	8067	0.207	ng		100
9) Naphthalene	10.571	128	35308	0.212	ng		100
10) Hexachlorobutadiene	10.863	225	6237	0.201	ng	#	100
12) 2-Methylnaphthalene	12.190	142	21856	0.207	ng		99
16) Acenaphthylene	14.091	152	25924	0.186	ng		100
17) Acenaphthene	14.434	154	18836	0.202	ng		100
18) Fluorene	15.423	166	22711	0.203	ng		99
20) 4,6-Dinitro-2-methylph...	15.512	198	454	0.196	ng	#	79
21) 4-Bromophenyl-phenylether	16.324	248	6920	0.189	ng		97
22) Hexachlorobenzene	16.433	284	7966	0.193	ng		99
23) Atrazine	16.592	200	4662	0.176	ng		99
24) Pentachlorophenol	16.786	266	789	0.090	ng		98
25) Phenanthrene	17.164	178	37160	0.199	ng		100
26) Anthracene	17.249	178	29731	0.186	ng		100
28) Fluoranthene	19.192	202	40904	0.203	ng		100
30) Pyrene	19.554	202	41075	0.193	ng		100
32) Benzo(a)anthracene	21.302	228	38720	0.201	ng		100
33) Chrysene	21.355	228	40898	0.200	ng		100
34) Bis(2-ethylhexyl)phtha...	21.249	149	18546	0.224	ng		100
36) Indeno(1,2,3-cd)pyrene	26.004	276	46859	0.236	ng		97
37) Benzo(b)fluoranthene	22.937	252	42133	0.193	ng		97
38) Benzo(k)fluoranthene	22.981	252	44242	0.201	ng		99
39) Benzo(a)pyrene	23.532	252	37137	0.198	ng	#	95
40) Dibenzo(a,h)anthracene	26.024	278	37855	0.243	ng		98
41) Benzo(g,h,i)perylene	26.729	276	39449	0.234	ng		100

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

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