Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016301.D
Acq On : 17 Sep 2021 16:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Sep 17 18:08:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 17:56:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	21010	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	97180	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	55354	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	105544	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	105284	0.400	ng	#	0.00
35) Perylene-d12	23.526	264	105038	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	10697	0.200	ng		0.02
5) Phenol-d6	6.868	99	12882	0.192	ng		0.00
8) Nitrobenzene-d5	8.835	82	10995	0.141	ng		0.00
11) 2-Methylnaphthalene-d10	12.052	152	30525	0.201	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	2871	0.126	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	44489	0.205	ng		0.00
27) Fluoranthene-d10	19.103	212	60483	0.195	ng		0.00
31) Terphenyl-d14	19.713	244	54824	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.300	88	1516	0.203	ng	#	28
3) n-Nitrosodimethylamine	3.650	42	3429	0.222	ng	#	75
6) bis(2-Chloroethyl)ether	7.135	93	11423	0.207	ng		93
9) Naphthalene	10.508	128	52176	0.201	ng		97
10) Hexachlorobutadiene	10.800	225	9790	0.185	ng	#	99
12) 2-Methylnaphthalene	12.127	142	35253	0.202	ng		98
16) Acenaphthylene	14.028	152	50753	0.205	ng		99
17) Acenaphthene	14.370	154	31419	0.195	ng		100
18) Fluorene	15.360	166	38965	0.196	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	384	0.066	ng	#	76
21) 4-Bromophenyl-phenylether	16.263	248	12373	0.219	ng	#	87
22) Hexachlorobenzene	16.373	284	11477	0.170	ng	#	90
23) Atrazine	16.543	200	10759	0.207	ng		97
24) Pentachlorophenol	16.713	266	2943	0.246	ng		99
25) Phenanthrene	17.103	178	58748	0.192	ng		99
26) Anthracene	17.188	178	57373	0.203	ng		99
28) Fluoranthene	19.132	202	69462	0.193	ng		99
30) Pyrene	19.495	202	71489	0.200	ng		99
32) Benzo(a)anthracene	21.249	228	70584	0.215	ng		99
33) Chrysene	21.302	228	69119	0.212	ng		99
34) Bis(2-ethylhexyl)phtha...	21.206	149	35774	0.177	ng		99
36) Indeno(1,2,3-cd)pyrene	25.822	276	68299	0.391	ng		99
37) Benzo(b)fluoranthene	22.841	252	71044	0.175	ng		96
38) Benzo(k)fluoranthene	22.886	252	68421	0.189	ng	#	94
39) Benzo(a)pyrene	23.423	252	63500	0.211	ng		96
40) Dibenzo(a,h)anthracene	25.846	278	58035	0.434	ng		99
41) Benzo(g,h,i)perylene	26.524	276	57515	0.396	ng		98

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

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