Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017182.D
Acq On : 29 Oct 2021 15:33
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 29 17:24:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:22:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	31735	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	142939	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	73172	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	133238	0.400	ng		0.00
29) Chrysene-d12	21.165	240	122711	0.400	ng		0.00
35) Perylene-d12	23.373	264	128068	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.172	112	14614	0.219	ng		0.00
5) Phenol-d6	6.749	99	15408	0.202	ng		0.00
8) Nitrobenzene-d5	8.709	82	14940	0.161	ng		0.00
11) 2-Methylnaphthalene-d10	11.928	152	42048	0.207	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	4042	0.136	ng		0.00
15) 2-Fluorobiphenyl	12.823	172	59195	0.216	ng		0.00
27) Fluoranthene-d10	18.994	212	65519	0.196	ng		0.00
31) Terphenyl-d14	19.610	244	55047	0.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.162	88	3892	0.189	ng	#	15
3) n-Nitrosodimethylamine	3.494	42	5537	0.225	ng		100
6) bis(2-Chloroethyl)ether	7.007	93	17991	0.205	ng		100
9) Naphthalene	10.382	128	82029	0.221	ng		100
10) Hexachlorobutadiene	10.674	225	14791	0.201	ng	#	100
12) 2-Methylnaphthalene	12.004	142	50496	0.211	ng		99
16) Acenaphthylene	13.915	152	54747	0.185	ng		100
17) Acenaphthene	14.257	154	42957	0.212	ng		100
18) Fluorene	15.259	166	49607	0.203	ng		99
20) 4,6-Dinitro-2-methylph...	15.348	198	1899	0.135	ng	#	91
21) 4-Bromophenyl-phenylether	16.155	248	14621	0.188	ng		100
22) Hexachlorobenzene	16.264	284	16927	0.190	ng		99
23) Atrazine	16.434	200	8553	0.166	ng		99
24) Pentachlorophenol	16.617	266	3782	0.154	ng		99
25) Phenanthrene	16.994	178	79104	0.209	ng		100
26) Anthracene	17.079	178	58310	0.182	ng		99
28) Fluoranthene	19.024	202	82290	0.200	ng		100
30) Pyrene	19.392	202	81190	0.210	ng		100
32) Benzo(a)anthracene	21.144	228	70015	0.193	ng		100
33) Chrysene	21.197	228	84713	0.212	ng		100
34) Bis(2-ethylhexyl)phtha...	21.101	149	24367	0.155	ng		100
36) Indeno(1,2,3-cd)pyrene	25.597	276	96537	0.221	ng		100
37) Benzo(b)fluoranthene	22.709	252	81433	0.195	ng		99
38) Benzo(k)fluoranthene	22.753	252	82642	0.199	ng		97
39) Benzo(a)pyrene	23.277	252	72860	0.199	ng		99
40) Dibenzo(a,h)anthracene	25.618	278	76615	0.219	ng		99
41) Benzo(g,h,i)perylene	26.275	276	85746	0.220	ng		100

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

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