Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017183.D
Acq On : 29 Oct 2021 16:51
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Oct 29 17:23:03 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	7.561	152	33338	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	148881	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	77264	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	140825	0.400	ng		0.00
29) Chrysene-d12	21.165	240	138952	0.400	ng		0.00
35) Perylene-d12	23.376	264	137350	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.173	112	26011	0.372	ng		0.00
5) Phenol-d6	6.749	99	28698	0.358	ng		0.00
8) Nitrobenzene-d5	8.710	82	28156	0.292	ng		0.00
11) 2-Methylnaphthalene-d10	11.929	152	127753	0.605	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	8412	0.268	ng		0.00
15) 2-Fluorobiphenyl	12.824	172	110275	0.381	ng		0.00
27) Fluoranthene-d10	18.995	212	221203	0.628	ng		0.00
31) Terphenyl-d14	19.610	244	112322	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.153	88	6459	0.298	ng		99
3) n-Nitrosodimethylamine	3.494	42	10301	0.399	ng		99
6) bis(2-Chloroethyl)ether	7.008	93	32551	0.353	ng		100
9) Naphthalene	10.383	128	145068	0.375	ng		100
10) Hexachlorobutadiene	10.674	225	26622	0.347	ng	#	100
12) 2-Methylnaphthalene	12.000	142	92743	0.372	ng		100
16) Acenaphthylene	13.915	152	109264	0.350	ng		100
17) Acenaphthene	14.257	154	80000	0.374	ng		100
18) Fluorene	15.260	166	94038	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.349	198	3823	0.258	ng		100
21) 4-Bromophenyl-phenylether	16.155	248	28587	0.348	ng		100
22) Hexachlorobenzene	16.264	284	32150	0.341	ng		100
23) Atrazine	16.435	200	17524	0.322	ng		100
24) Pentachlorophenol	16.605	266	8007	0.308	ng		100
25) Phenanthrene	16.995	178	151880	0.379	ng		100
26) Anthracene	17.080	178	118099	0.349	ng		100
28) Fluoranthene	19.025	202	167170	0.384	ng		100
30) Pyrene	19.392	202	163050	0.372	ng		100
32) Benzo(a)anthracene	21.144	228	147813	0.360	ng		100
33) Chrysene	21.197	228	165808	0.367	ng		100
34) Bis(2-ethylhexyl)phtha...	21.101	149	48088	0.271	ng		100
36) Indeno(1,2,3-cd)pyrene	25.598	276	186931	0.399	ng		100
37) Benzo(b)fluoranthene	22.712	252	161395	0.360	ng		100
38) Benzo(k)fluoranthene	22.753	252	162581	0.365	ng		100
39) Benzo(a)pyrene	23.274	252	141811	0.362	ng		100
40) Dibenzo(a,h)anthracene	25.622	278	151026	0.403	ng		100
41) Benzo(g,h,i)perylene	26.275	276	164255	0.393	ng		100

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

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