Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006438.D
Acq On : 30 Jul 2021 14:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC0.1

Quant Time: Jul 30 17:07:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270-SIM-BP073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 17:01:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.785	152	2939	0.400	ng		0.00
7) Naphthalene-d8	10.546	136	11635	0.400	ng		0.00
13) Acenaphthene-d10	14.391	164	5723	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	11346	0.400	ng		0.00
29) Chrysene-d12	21.253	240	10334	0.400	ng		0.00
35) Perylene-d12	23.589	264	9602	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	1067	0.135	ng		0.00
5) Phenol-d6	6.941	99	1518	0.152	ng		0.00
8) Nitrobenzene-d5	8.913	82	1511	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.145	152	1665	0.091	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	323	0.139	ng		0.00
15) 2-Fluorobiphenyl	13.025	172	2941	0.135	ng		0.00
27) Fluoranthene-d10	19.140	212	3238	0.101	ng		0.00
31) Terphenyl-d14	19.730	244	2564	0.098	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	393	0.382	ng	#	100
3) n-Nitrosodimethylamine	3.615	42	439	0.218	ng	#	75
6) bis(2-Chloroethyl)ether	7.205	93	1204	0.153	ng		96
9) Naphthalene	10.609	128	3579	0.119	ng	#	93
10) Hexachlorobutadiene	10.898	225	593	0.101	ng	#	97
12) 2-Methylnaphthalene	12.216	142	2283	0.112	ng		96
16) Acenaphthylene	14.101	152	2651	0.102	ng		98
17) Acenaphthene	14.453	154	2129	0.131	ng		99
18) Fluorene	15.446	166	2626	0.129	ng		99
20) 4,6-Dinitro-2-methylph...	15.529	198	248	0.294	ng	#	56
21) 4-Bromophenyl-phenylether	16.342	248	745	0.110	ng	#	90
22) Hexachlorobenzene	16.441	284	819	0.125	ng		99
23) Atrazine	16.620	200	671	0.111	ng	#	90
24) Pentachlorophenol	16.798	266	407	0.169	ng		94
25) Phenanthrene	17.175	178	3973	0.127	ng		98
26) Anthracene	17.275	178	3543	0.117	ng		98
28) Fluoranthene	19.164	202	5005	0.140	ng		99
30) Pyrene	19.522	202	5431	0.154	ng		99
32) Benzo(a)anthracene	21.236	228	4383	0.125	ng		95
33) Chrysene	21.288	228	4584	0.138	ng		97
36) Indeno(1,2,3-cd)pyrene	26.003	276	4958	0.142	ng		98
37) Benzo(b)fluoranthene	22.873	252	4725	0.145	ng	#	66
38) Benzo(k)fluoranthene	22.922	252	4456	0.139	ng	#	66
39) Benzo(a)pyrene	23.481	252	3818	0.130	ng	#	61
40) Dibenzo(a,h)anthracene	26.025	278	4202	0.142	ng	#	76
41) Benzo(g,h,i)perylene	26.741	276	4498	0.151	ng		91

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

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