Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006445.D
Acq On : 30 Jul 2021 19:33
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP073021

Manual Integrations APPROVED
mohammad
8/2/2021 3:47:08 PM

Quant Time: Jul 31 00:49:21 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 18:59:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	3535	0.400	ng		#-0.03
7) Naphthalene-d8	10.546	136	13908	0.400	ng		0.00
13) Acenaphthene-d10	14.390	164	7140	0.400	ng		0.00
19) Phenanthrene-d10	17.135	188	13269	0.400	ng		0.00
29) Chrysene-d12	21.253	240	11726	0.400	ng		0.00
35) Perylene-d12	23.583	264	11289	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	3991m	0.390	ng		0.00
5) Phenol-d6	6.940	99	5644m	0.377	ng		0.00
8) Nitrobenzene-d5	8.912	82	5331	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	12.137	152	7342	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.880	330	1105	0.336	ng		0.00
15) 2-Fluorobiphenyl	13.024	172	11012	0.368	ng		0.00
27) Fluoranthene-d10	19.140	212	13629	0.372	ng		0.00
31) Terphenyl-d14	19.721	244	9104	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	1487m	0.368	ng		
3) n-Nitrosodimethylamine	3.615	42	2328m	0.448	ng		
6) bis(2-Chloroethyl)ether	7.204	93	5146	0.401	ng		99
9) Naphthalene	10.587	128	14951	0.377	ng		99
10) Hexachlorobutadiene	10.898	225	2552	0.386	ng	#	99
12) 2-Methylnaphthalene	12.215	142	9536	0.374	ng		99
16) Acenaphthylene	14.100	152	11636	0.350	ng		99
17) Acenaphthene	14.452	154	8705	0.356	ng		99
18) Fluorene	15.445	166	10370	0.359	ng		98
20) 4,6-Dinitro-2-methylph...	15.528	198	967	0.322	ng		98
21) 4-Bromophenyl-phenylether	16.342	248	3084	0.366	ng		95
22) Hexachlorobenzene	16.441	284	3446	0.380	ng		99
23) Atrazine	16.619	200	2534	0.346	ng		99
24) Pentachlorophenol	16.798	266	1445	0.331	ng		100
25) Phenanthrene	17.175	178	16583	0.378	ng		100
26) Anthracene	17.274	178	14217	0.356	ng		100
28) Fluoranthene	19.163	202	18657	0.365	ng		99
30) Pyrene	19.514	202	18744	0.356	ng		100
32) Benzo(a)anthracene	21.236	228	17098	0.373	ng		99
33) Chrysene	21.270	228	16783	0.360	ng	#	90
34) Bis(2-ethylhexyl)phtha...	21.167	149	11727	0.348	ng		97
36) Indeno(1,2,3-cd)pyrene	25.992	276	20076	0.372	ng		99
37) Benzo(b)fluoranthene	22.873	252	18298	0.362	ng		99
38) Benzo(k)fluoranthene	22.916	252	17995	0.368	ng		99
39) Benzo(a)pyrene	23.480	252	14917	0.351	ng		99
40) Dibenzo(a,h)anthracene	26.019	278	17239	0.380	ng		97
41) Benzo(g,h,i)perylene	26.729	276	17671	0.374	ng		99

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

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