Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006442.D
Acq On : 30 Jul 2021 17:17
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC1.6

Manual Integrations APPROVED
mohammad
8/2/2021 3:47:00 PM

Quant Time: Jul 30 18:04:39 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	7.759	152	3105	0.400	ng	#-0.03
7) Naphthalene-d8	10.546	136	11560	0.400	ng	0.00
13) Acenaphthene-d10	14.390	164	6064	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	11570	0.400	ng	0.00
29) Chrysene-d12	21.253	240	10633	0.400	ng	0.00
35) Perylene-d12	23.589	264	9575	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	14978m	1.794	ng	0.00
5) Phenol-d6	6.941	99	20148	1.907	ng	0.00
8) Nitrobenzene-d5	8.913	82	19358	2.501	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	26849	1.476	ng	0.00
14) 2,4,6-Tribromophenol	15.880	330	4456	1.811	ng	0.00
15) 2-Fluorobiphenyl	13.025	172	38949	1.686	ng	0.00
27) Fluoranthene-d10	19.140	212	53221	1.626	ng	0.00
31) Terphenyl-d14	19.729	244	35197	1.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	5348	4.926	ng	# 100
3) n-Nitrosodimethylamine	3.615	42	7346m	3.448	ng	
6) bis(2-Chloroethyl)ether	7.204	93	17459	2.105	ng	# 46
9) Naphthalene	10.588	128	54073	1.802	ng	98
10) Hexachlorobutadiene	10.898	225	8910	1.535	ng	# 98
12) 2-Methylnaphthalene	12.216	142	35064	1.726	ng	99
16) Acenaphthylene	14.101	152	46437	1.685	ng	100
17) Acenaphthene	14.453	154	33801	1.970	ng	97
18) Fluorene	15.446	166	39954	1.853	ng	98
20) 4,6-Dinitro-2-methylph...	15.529	198	4358	5.059	ng	# 88
21) 4-Bromophenyl-phenylether	16.342	248	11859	1.724	ng	96
22) Hexachlorobenzene	16.441	284	12922	1.926	ng	98
23) Atrazine	16.620	200	10080	1.628	ng	97
24) Pentachlorophenol	16.798	266	5935	2.415	ng	99
25) Phenanthrene	17.175	178	63497	1.990	ng	100
26) Anthracene	17.275	178	56679	1.836	ng	100
28) Fluoranthene	19.164	202	72639	1.991	ng	100
30) Pyrene	19.522	202	72962	2.007	ng	100
32) Benzo(a)anthracene	21.236	228	68343	1.893	ng	99
33) Chrysene	21.288	228	67876	1.980	ng	99
34) Bis(2-ethylhexyl)phtha...	21.167	149	46416	2.244	ng	98
36) Indeno(1,2,3-cd)pyrene	25.998	276	75313	2.156	ng	99
37) Benzo(b)fluoranthene	22.873	252	69060	2.129	ng	# 92
38) Benzo(k)fluoranthene	22.922	252	68829	2.153	ng	# 91
39) Benzo(a)pyrene	23.481	252	59340	2.025	ng	# 88
40) Dibenzo(a,h)anthracene	26.019	278	63476	2.157	ng	96
41) Benzo(g,h,i)perylene	26.735	276	65073	2.193	ng	97

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

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