Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040521\
Data File : BE101199.D
Acq On : 5 Apr 2021 17:10
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
4/6/2021 3:23:58 PM

Quant Time: Apr 06 02:25:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 02:23:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	3754	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	15844	0.40	ng		0.00
13) Acenaphthene-d10	14.458	164	9805	0.40	ng		0.00
19) Phenanthrene-d10	17.210	188	25034	0.40	ng		# 0.01
29) Chrysene-d12	21.367	240	32081	0.40	ng		# 0.01
36) Perylene-d12	23.838	264	31194	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.422	112	1164	0.13	ng		0.00
5) Phenol-d6	6.989	99	1621	0.12	ng		0.00
8) Nitrobenzene-d5	8.977	82	1228	0.13	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	3528	0.14	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	278	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.075	172	3723	0.10	ng		0.00
27) Fluoranthene-d10	19.220	212	42261	0.13	ng		0.00
31) Terphenyl-d14	19.818	244	7214	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	877	0.14	ng		89
6) bis(2-Chloroethyl)ether	7.254	93	1305	0.11	ng		99
9) Naphthalene	10.666	128	17331	0.11	ng		99
10) Hexachlorobutadiene	10.964	225	812	0.11	ng		94
12) 2-Methylnaphthalene	12.268	142	2924	0.11	ng		96
16) Acenaphthylene	14.170	152	3599	0.10	ng		99
17) Acenaphthene	14.516	154	2832	0.10	ng		98
18) Fluorene	15.517	166	3653	0.10	ng		100
20) 4,6-Dinitro-2-methylph...	15.578	198	224	0.18	ng	#	18
21) 4-Bromophenyl-phenylether	16.409	248	1243	0.11	ng	#	92
22) Hexachlorobenzene	16.515	284	1279	0.10	ng		96
23) Atrazine	16.666	200	842	0.12	ng	#	84
25) Phenanthrene	17.241	178	7478	0.11	ng		98
26) Anthracene	17.331	178	5899	0.10	ng		98
28) Fluoranthene	19.249	202	8823	0.10	ng		99
30) Pyrene	19.611	202	9351	0.10	ng		100
32) Benzo(a)anthracene	21.343	228	9844	0.12	ng		99
33) Chrysene	21.403	228	10880	0.11	ng		100
34) Bis(2-ethylhexyl)phtha...	21.282	149	14095	0.26	ng		100
35) Indeno(1,2,3-cd)pyrene	26.456	276	9342	0.14	ng		99
37) Benzo(b)fluoranthene	23.079	252	9145	0.11	ng	#	96
38) Benzo(k)fluoranthene	23.129	252	10919m	0.10	ng		
39) Benzo(a)pyrene	23.728	252	7445	0.10	ng	#	91
40) Dibenzo(a,h)anthracene	26.484	278	7702	0.12	ng		96
41) Benzo(g,h,i)perylene	27.254	276	9322	0.12	ng		97

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

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