Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101273.D
Acq On : 9 Apr 2021 17:21
Operator : CG/JU
Sample : M1966-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-123RMSD

Manual Integrations APPROVED
mohammad
4/12/2021 2:47:08 PM

Quant Time: Apr 09 19:06:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.839	152	724	0.40	ng		# 0.00
7) Naphthalene-d8	10.614	136	4799	0.40	ng		# 0.00
13) Acenaphthene-d10	14.456	164	8988	0.40	ng		# 0.01
19) Phenanthrene-d10	17.211	188	21426	0.40	ng		# 0.00
29) Chrysene-d12	21.367	240	33956	0.40	ng		0.01
36) Perylene-d12	23.851	264	26565	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.432	112	714	0.42	ng		0.00
5) Phenol-d6	7.010	99	654	0.24	ng		0.02
8) Nitrobenzene-d5	8.977	82	1636	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.194	152	3705m	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	1452	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	6083	0.19	ng		0.00
27) Fluoranthene-d10	19.244	212	126268	0.34	ng		0.03
31) Terphenyl-d14	19.819	244	35934	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.371	88	171	0.15	ng	#	29
3) n-Nitrosodimethylamine	3.670	42	576	0.50	ng	#	32
6) bis(2-Chloroethyl)ether	7.263	93	1739	0.70	ng	#	22
9) Naphthalene	10.666	128	105482	2.02	ng		99
10) Hexachlorobutadiene	10.952	225	532	0.23	ng		99
12) 2-Methylnaphthalene	12.266	142	5930	0.63	ng	#	92
16) Acenaphthylene	14.168	152	78921	2.26	ng		97
17) Acenaphthene	14.514	154	30501	1.16	ng		97
18) Fluorene	15.518	166	47958	1.36	ng		99
20) 4,6-Dinitro-2-methylph...	15.593	198	1215	0.56	ng	#	1
21) 4-Bromophenyl-phenylether	16.410	248	3520	0.33	ng	#	71
22) Hexachlorobenzene	16.516	284	2923	0.27	ng		96
23) Atrazine	16.712	200	4085	0.56	ng	#	66
24) Pentachlorophenol	16.863	266	2937	0.74	ng		97
25) Phenanthrene	17.241	178	189533	2.99	ng		99
26) Anthracene	17.347	178	61712	1.14	ng	#	95
28) Fluoranthene	19.279	202	113173	1.37	ng		99
30) Pyrene	19.617	202	99413	0.81	ng		97
32) Benzo(a)anthracene	21.355	228	49141	0.52	ng	#	94
33) Chrysene	21.404	228	45753	0.40	ng	#	95
34) Bis(2-ethylhexyl)phtha...	21.283	149	109017	1.58	ng		100
35) Indeno(1,2,3-cd)pyrene	26.473	276	33143	0.40	ng		100
37) Benzo(b)fluoranthene	23.089	252	37127	0.43	ng	#	91
38) Benzo(k)fluoranthene	23.135	252	34892	0.36	ng	#	90
39) Benzo(a)pyrene	23.737	252	30566	0.41	ng	#	90
40) Dibenzo(a,h)anthracene	26.495	278	26853	0.37	ng	#	91
41) Benzo(g,h,i)perylene	27.272	276	28176	0.36	ng		94

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

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