Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101253.D
Acq On : 8 Apr 2021 19:16
Operator : CG/JU
Sample : M1966-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-123RMSD

Quant Time: Apr 09 01:30:18 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	7.830	152	4997	0.40	ng		# 0.00
7) Naphthalene-d8	10.614	136	25509	0.40	ng		# 0.00
13) Acenaphthene-d10	14.442	164	27335	0.40	ng		# 0.00
19) Phenanthrene-d10	17.211	188	37657	0.40	ng		# 0.00
29) Chrysene-d12	21.365	240	31317	0.40	ng		0.01
36) Perylene-d12	23.837	264	30000	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	4067	0.35	ng		0.00
5) Phenol-d6	7.001	99	3075	0.17	ng		0.01
8) Nitrobenzene-d5	8.977	82	8823	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	20523	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	2946	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	25322	0.26	ng		0.00
27) Fluoranthene-d10	19.244	212	148577	0.23	ng		0.03
31) Terphenyl-d14	19.819	244	38627	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1571	0.21	ng	#	1
3) n-Nitrosodimethylamine	3.673	42	2691	0.34	ng	#	50
6) bis(2-Chloroethyl)ether	7.255	93	6911	0.41	ng		75
9) Naphthalene	10.666	128	546614	1.97	ng		100
10) Hexachlorobutadiene	10.952	225	3444	0.28	ng		98
12) 2-Methylnaphthalene	12.267	142	26799	0.54	ng		98
16) Acenaphthylene	14.169	152	253389	2.38	ng		97
17) Acenaphthene	14.514	154	100387	1.26	ng		96
18) Fluorene	15.503	166	129554	1.21	ng		99
20) 4,6-Dinitro-2-methylph...	15.579	198	2554	0.64	ng	#	1
21) 4-Bromophenyl-phenylether	16.395	248	8274	0.44	ng	#	38
22) Hexachlorobenzene	16.516	284	7095	0.38	ng		94
23) Atrazine	16.697	200	5068	0.40	ng	#	63
24) Pentachlorophenol	16.864	266	4575	0.66	ng		99
25) Phenanthrene	17.242	178	334752	3.00	ng		98
26) Anthracene	17.332	178	85755	0.90	ng	#	91
28) Fluoranthene	19.273	202	130209	0.90	ng		98
30) Pyrene	19.618	202	108370	0.96	ng		96
32) Benzo(a)anthracene	21.341	228	46725	0.53	ng	#	92
33) Chrysene	21.402	228	41391	0.40	ng	#	94
34) Bis(2-ethylhexyl)phtha...	21.281	149	94320	1.48	ng		99
35) Indeno(1,2,3-cd)pyrene	26.445	276	40753	0.53	ng		99
37) Benzo(b)fluoranthene	23.078	252	39739	0.41	ng	#	92
38) Benzo(k)fluoranthene	23.128	252	38441	0.35	ng	#	90
39) Benzo(a)pyrene	23.726	252	34724	0.42	ng	#	92
40) Dibenzo(a,h)anthracene	26.477	278	33032	0.41	ng	#	95
41) Benzo(g,h,i)perylene	27.251	276	35014	0.40	ng		96

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

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