

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092101.D
 Acq On : 1 Aug 2016 20:56
 Operator : UM/SJ
 Sample : H4107-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MSD

Manual Integrations
 APPROVED

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Quant Time: Aug 02 01:20:57 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	14297	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	66962	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	35460	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	128227	5.00	ng	0.00
31) Chrysene-d12	21.74	240	134117	5.00	ng	0.00
40) Perylene-d12	24.14	264	122546	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	28194	7.20	ng	0.00
5) Phenol-d6	7.33	99	41265	7.55	ng	0.00
9) Nitrobenzene-d5	9.35	82	21737	4.16	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	14694	6.27	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	51758	3.77	ng	0.00
34) Terphenyl-d14	20.21	244	51581	4.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	5453	3.06	ng	# 91
3) n-Nitrosodimethylamine	3.78	42	9701	3.69	ng	# 92
6) bis(2-Chloroethyl)ether	7.59	93	16911	3.83	ng	98
7) n-Nitroso-di-n-propylamine	8.98	70	15443	3.68	ng	99
10) Nitrobenzene	9.38	77	21531	3.87	ng	98
11) bis(2-Chloroethoxy)methane	10.40	93	22650	3.79	ng	98
12) Naphthalene	11.02	128	57531	3.73	ng	# 96
13) Hexachlorobutadiene	11.32	225	9155	3.64	ng	# 96
14) 2-Methylnaphthalene	12.65	142	42477	4.11	ng	98
18) Acenaphthylene	14.58	152	263791	3.36	ng	# 93
19) 2,6-Dinitrotoluene	14.46	165	32665	3.55	ng	# 100
20) Acenaphthene	14.92	154	42700	3.93	ng	# 66
21) 2,4-Dinitrotoluene	15.25	165	54122	3.57	ng	# 1
22) Fluorene	15.89	166	57918	3.55	ng	99
23) 4-Chlorophenyl-phenylether	15.87	204	26066	3.13	ng	# 65
25) 4-Bromophenyl-phenylether	16.76	248	16494	3.84	ng	97
26) Hexachlorobenzene	16.88	284	16570	3.87	ng	98
27) Pentachlorophenol	17.23	266	18261	10.72	ng	# 80
28) Phenanthrene	17.62	178	123058	4.05	ng	96
29) Anthracene	17.71	178	95622	3.74	ng	100
30) Fluoranthene	19.61	202	378133	4.30	ng	# 67
32) Benzidine	19.81	184	5052	0.64	ng	# 75
33) Pyrene	19.98	202	679663	4.46	ng	96
35) Benzo(a)anthracene	21.71	228	134986m	4.23	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	29574	2.45	ng	# 80
37) Chrysene	21.78	228	105595m	3.31	ng	
38) Bis(2-ethylhexyl)phthalate	21.65	149	97271	3.72	ng	# 25
39) Indeno(1,2,3-cd)pyrene	26.63	276	573747	4.03	ng	100
41) Benzo(b)fluoranthene	23.41	252	139271	4.45	ng	# 95
42) Benzo(k)fluoranthene	23.45	252	119773	3.44	ng	97
43) Benzo(a)pyrene	24.03	252	126311	4.00	ng	95
44) Dibenzo(a,h)anthracene	26.67	278	116941	3.99	ng	94
45) Benzo(a,h,i)perylene	27.42	276	490402	3.97	ng	94

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

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