

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092068.D
 Acq On : 28 Jul 2016 5:42
 Operator : UM/SJ
 Sample : H4107-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

sohil
 7/28/2016 5:01:48 PM

Quant Time: Jul 28 06:51:32 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9724	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	49750	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	25574	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	96660	5.00	ng	0.00
31) Chrysene-d12	21.76	240	115276	5.00	ng	0.00
40) Perylene-d12	24.15	264	124177	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	21880	10.10	ng	-0.02
5) Phenol-d6	7.35	99	32268	11.16	ng	0.00
9) Nitrobenzene-d5	9.35	82	16733	4.51	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	12151	10.14	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	41353	4.04	ng	0.00
34) Terphenyl-d14	20.20	244	108860	5.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	3352	2.51	ng	# 78
3) n-Nitrosodimethylamine	3.78	42	7103	4.46	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	11775	4.21	ng	97
7) n-Nitroso-di-n-propylamine	8.98	70	10679	4.62	ng	99
10) Nitrobenzene	9.38	77	15136	4.21	ng	99
11) bis(2-Chloroethoxy)methane	10.40	93	18179	4.38	ng	99
12) Naphthalene	11.04	128	39810	3.65	ng	95
13) Hexachlorobutadiene	11.32	225	5754	3.52	ng	# 100
14) 2-Methylnaphthalene	12.66	142	30608	4.35	ng	96
18) Acenaphthylene	14.56	152	260463	3.93	ng	97
19) 2,6-Dinitrotoluene	14.44	165	34834	4.14	ng	# 100
20) Acenaphthene	14.92	154	25657	3.67	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	59249	4.33	ng	# 1
22) Fluorene	15.88	166	48853	4.45	ng	99
23) 4-Chlorophenyl-phenylether	15.88	204	20691	3.84	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	13812	3.47	ng	98
26) Hexachlorobenzene	16.90	284	14752	3.58	ng	99
27) Pentachlorophenol	17.23	266	14884	7.85	ng	# 82
28) Phenanthrene	17.63	178	97006	3.95	ng	99
29) Anthracene	17.71	178	92139	4.12	ng	100
30) Fluoranthene	19.63	202	608801	5.57	ng	100
32) Benzidine	19.81	184	3301m	0.72	ng	
33) Pyrene	19.99	202	633851	4.27	ng	97
35) Benzo(a)anthracene	21.73	228	211364m	4.40	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	41557	2.89	ng	# 82
37) Chrysene	21.79	228	147393m	4.32	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	606081	5.46	ng	# 97
39) Indeno(1,2,3-cd)pyrene	26.65	276	530331	3.93	ng	100
41) Benzo(b)fluoranthene	23.41	252	144454	4.36	ng	97
42) Benzo(k)fluoranthene	23.46	252	134694	3.95	ng	97
43) Benzo(a)pyrene	24.04	252	129334	4.09	ng	95
44) Dibenzo(a,h)anthracene	26.69	278	108895	3.95	ng	# 93
45) Benzo(g,h,i)perylene	27.43	276	443259	3.85	ng	96

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

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