

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082329.D
 Acq On : 16 Oct 2015 16:52
 Operator : UM/IZ
 Sample : G4051-03MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK1-1-20151015MSD

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 5:32:13 PM

Quant Time: Oct 19 04:33:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	45799m	20.00	ng	0.06
21) Naphthalene-d8	8.17	136	229217	20.00	ng	0.05
38) Acenaphthene-d10	9.92	164	117792	20.00	ng	0.03
63) Phenanthrene-d10	11.42	188	258375	20.00	ng	0.05
75) Chrysene-d12	14.14	240	258150	20.00	ng	0.07
86) Perylene-d12	15.73	264	229036	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	30755	13.55	ng	0.06
7) Phenol-d6	6.53	99	42985	14.56	ng	0.05
23) Nitrobenzene-d5	7.45	82	26614	7.80	ng	0.03
41) 2,4,6-Tribromophenol	10.72	330	16674	15.09	ng	0.03
44) 2-Fluorobiphenyl	9.25	172	68369	9.63	ng	0.03
78) Terphenyl-d14	13.01	244	88413	9.08	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	4844	4.25	ng	# 61
3) Pyridine	3.31	79	7549	2.85	ng	# 84
4) n-Nitrosodimethylamine	3.23	42	2327	2.07	ng	# 74
8) 2-Chlorophenol	6.67	128	11049	3.99	ng	92
9) Benzaldehyde	6.45	77	4226	2.80	ng	93
10) Phenol	6.54	94	13646	4.01	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	10979	3.81	ng	91
12) 1,3-Dichlorobenzene	6.82	146	13051m	4.05	ng	
13) 1,4-Dichlorobenzene	6.90	146	14067m	4.18	ng	
14) 1,2-Dichlorobenzene	7.05	146	13356	4.17	ng	98
15) Benzyl Alcohol	7.03	79	8546	4.19	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	18643	4.65	ng	95
17) 2-Methylphenol	7.15	107	9760m	4.46	ng	
18) Hexachloroethane	7.39	117	4626	4.01	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	9219m	4.45	ng	
20) 3+4-Methylphenols	7.31	107	13033m	4.99	ng	
22) Acetophenone	7.30	105	15378	3.39	ng	# 92
24) Nitrobenzene	7.47	77	12447	3.37	ng	95
25) Isophorone	7.70	82	25192	3.66	ng	98
26) 2-Nitrophenol	7.79	139	5265	2.85	ng	99
27) 2,4-Dimethylphenol	7.83	122	10650	3.58	ng	94
28) bis(2-Chloroethoxy)methane	7.92	93	13086	3.26	ng	98
29) 2,4-Dichlorophenol	8.05	162	9271	3.12	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	12893	3.76	ng	95
31) Naphthalene	8.19	128	44579	4.49	ng	99
34) Hexachlorobutadiene	8.31	225	7314	3.43	ng	97
35) Caprolactam	8.57	113	3216	3.73	ng	# 61
36) 4-Chloro-3-methylphenol	8.73	107	11311	3.89	ng	89
37) 2-Methylnaphthalene	8.88	142	26890	3.90	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	12692	3.62	ng	96
40) Hexachlorocyclopentadiene	9.03	237	331m	8.47	ng	
42) 2,4,6-Trichlorophenol	9.17	196	8869	3.81	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	9643	3.83	ng	97
45) 1,1'-Biphenyl	9.35	154	34946	3.89	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.37	162	27138	3.84	nq	95
47) 2-Nitroaniline	9.47	65	6810	3.51	nq	92
48) Acenaphthylene	9.78	152	59330	5.39	nq	98
49) Dimethylphthalate	9.65	163	42996	5.18	nq	# 98
50) 2,6-Dinitrotoluene	9.71	165	5947	3.40	nq	88
51) Acenaphthene	9.95	154	32882	4.97	nq	95
52) 3-Nitroaniline	9.90	138	4591	2.32	nq	# 89
54) Dibenzofuran	10.13	168	45828	5.05	nq	96
55) 4-Nitrophenol	10.09	139	3399m	2.68	nq	
56) 2,4-Dinitrotoluene	10.11	165	8097	3.70	nq	# 90
57) Fluorene	10.47	166	39746	5.33	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	8540	4.15	nq	# 96
59) Diethylphthalate	10.34	149	34072	4.41	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	14070	4.12	nq	# 84
61) 4-Nitroaniline	10.51	138	5822	3.04	nq	87
62) Azobenzene	10.63	77	30352	4.01	nq	# 79
65) n-Nitrosodiphenylamine	10.58	169	30615	3.96	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	8353	3.23	nq	# 82
67) Hexachlorobenzene	11.02	284	11197	4.00	nq	# 80
68) Atrazine	11.11	200	10589	4.32	nq	98
69) Pentachlorophenol	11.22	266	8306	5.77	nq	96
70) Phenanthrene	11.44	178	204930	16.18	nq	97
71) Anthracene	11.49	178	94849	7.27	nq	100
72) Carbazole	11.65	167	66174	5.56	nq	99
73) Di-n-butylphthalate	11.97	149	58249	3.97	nq	99
74) Fluoranthene	12.63	202	303893	22.34	nq	100
77) Pyrene	12.86	202	278389	18.17	nq	98
79) Butylbenzylphthalate	13.51	149	25664	3.67	nq	94
80) Benzo(a)anthracene	14.13	228	164774	12.27	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	11051	2.17	nq	96
82) Chrysene	14.17	228	140960	9.96	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	72669	7.29	nq	# 99
84) Di-n-octyl phthalate	14.82	149	59926	3.50	nq	98
85) Indeno(1,2,3-cd)pyrene	17.20	276	101732m	9.04	nq	
87) Benzo(b)fluoranthene	15.29	252	148863m	10.68	nq	
88) Benzo(k)fluoranthene	15.30	252	100264m	8.56	nq	
89) Benzo(a)pyrene	15.66	252	123704	10.33	nq	99
90) Dibenzo(a,h)anthracene	17.21	278	45796	4.67	nq	95
91) Benzo(g,h,i)perylene	17.65	276	90381	9.48	nq	97

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

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