

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083546.D
 Acq On : 7 Dec 2015 6:49
 Operator : UM/IZ
 Sample : G4594-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MSD

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:33:36 PM

Quant Time: Dec 07 11:59:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	149188	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	554398	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	253511	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	387825	20.00	ng	-0.03
75) Chrysene-d12	17.05	240	279659	20.00	ng	0.00
86) Perylene-d12	18.67	264	260043	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1144574	116.39	ng	0.00
7) Phenol-d6	5.31	99	1505983	111.15	ng	-0.01
23) Nitrobenzene-d5	6.57	82	964163	81.29	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	229886	98.30	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1347327	72.09	ng	-0.03
78) Terphenyl-d14	15.47	244	863299	68.69	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	151508	29.38	ng	# 93
3) Pyridine	2.30	79	146611	11.91	ng	# 28
4) n-Nitrosodimethylamine	2.28	42	241237	38.91	ng	98
6) Aniline	5.37	93	49699m	2.82	ng	
8) 2-Chlorophenol	5.46	128	392205	35.86	ng	99
9) Benzaldehyde	5.13	77	209888	27.02	ng	# 80
10) Phenol	5.33	94	598831	37.80	ng	# 74
11) bis(2-Chloroethyl)ether	5.40	93	448516m	38.19	ng	
12) 1,3-Dichlorobenzene	5.65	146	423583	34.92	ng	99
13) 1,4-Dichlorobenzene	5.76	146	437129	35.29	ng	99
14) 1,2-Dichlorobenzene	5.97	146	402636	35.35	ng	99
15) Benzyl Alcohol	5.98	79	397104	42.25	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	781445	35.90	ng	82
17) 2-Methylphenol	6.18	107	327914	36.33	ng	95
18) Hexachloroethane	6.45	117	171265	39.62	ng	# 81
19) n-Nitroso-di-n-propylamine	6.37	70	344770	38.14	ng	94
20) 3+4-Methylphenols	6.42	107	442863	37.77	ng	93
22) Acetophenone	6.35	105	660962	41.39	ng	# 98
24) Nitrobenzene	6.59	77	485484	37.17	ng	99
25) Isophorone	6.97	82	859473	37.73	ng	97
26) 2-Nitrophenol	7.07	139	200465	38.89	ng	92
27) 2,4-Dimethylphenol	7.20	122	324004	35.58	ng	95
28) bis(2-Chloroethoxy)methane	7.32	93	537512	42.35	ng	98
29) 2,4-Dichlorophenol	7.47	162	321373	39.08	ng	95
30) 1,2,4-Trichlorobenzene	7.56	180	335090	36.85	ng	99
31) Naphthalene	7.68	128	1496514	50.71	ng	99
32) Benzoic acid	7.47	122	150695	30.70	ng	92
33) 4-Chloroaniline	7.82	127	39634	3.43	ng	# 83
34) Hexachlorobutadiene	7.88	225	197432	36.75	ng	98
35) Caprolactam	8.41	113	103727	39.66	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	336508	36.36	ng	87
37) 2-Methylnaphthalene	8.77	142	813592	44.59	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	314160	37.69	ng	# 100
42) 2,4,6-Trichlorophenol	9.26	196	207508	39.65	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	214018	39.70	nq	95
45) 1,1'-Biphenyl	9.54	154	825693	36.65	nq	99
46) 2-Chloronaphthalene	9.55	162	631208	37.18	nq	98
47) 2-Nitroaniline	9.76	65	235791	38.99	nq	93
48) Acenaphthylene	10.21	152	2096769	75.43	nq	99
49) Dimethylphthalate	10.09	163	1227732	61.53	nq	100
50) 2,6-Dinitrotoluene	10.17	165	142930	34.02	nq	97
51) Acenaphthene	10.49	154	622292	38.90	nq	100
52) 3-Nitroaniline	10.43	138	57240	12.64	nq	# 96
53) 2,4-Dinitrophenol	10.62	184	66996	35.61	nq	91
54) Dibenzofuran	10.77	168	962388	43.43	nq	99
55) 4-Nitrophenol	10.82	139	191724	75.15	nq	85
56) 2,4-Dinitrotoluene	10.82	165	182045	33.18	nq	# 88
57) Fluorene	11.32	166	806957m	41.86	nq	
58) 2,3,4,6-Tetrachlorophenol	11.00	232	162195	40.22	nq	# 100
59) Diethylphthalate	11.23	149	732432	38.15	nq	98
60) 4-Chlorophenyl-phenylether	11.36	204	320819	34.72	nq	90
61) 4-Nitroaniline	11.42	138	78089	19.03	nq	85
62) Azobenzene	11.61	77	258601	12.62	nq	90
64) 4,6-Dinitro-2-methylphenol	11.48	198	47720	20.39	nq	# 59
65) n-Nitrosodiphenylamine	11.56	169	573768	44.69	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	172288	40.65	nq	94
67) Hexachlorobenzene	12.21	284	180542	39.85	nq	91
68) Atrazine	12.48	200	60833	15.67	nq	96
69) Pentachlorophenol	12.57	266	181855	87.85	nq	97
70) Phenanthrene	12.88	178	2358411	104.47	nq	98
71) Anthracene	12.96	178	1587737	68.96	nq	98
72) Carbazole	13.25	167	816106	41.28	nq	99
73) Di-n-butylphthalate	13.88	149	985988	41.41	nq	99
74) Fluoranthene	14.82	202	3768160	168.42	nq	96
77) Pyrene	15.19	202	4641482	221.87	nq	97
79) Butylbenzylphthalate	16.31	149	345015	41.94	nq	97
80) Benzo(a)anthracene	17.04	228	3046448	186.19	nq	94
81) 3,3'-Dichlorobenzidine	17.05	252	12537	2.40	nq	# 67
82) Chrysene	17.09	228	2530917	155.27	nq	96
83) Bis(2-ethylhexyl)phthalate	17.15	149	493172	45.68	nq	100
84) Di-n-octyl phthalate	17.91	149	816222	53.02	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.94	276	1542040	110.36	nq	# 100
87) Benzo(b)fluoranthene	18.31	252	2660026m	182.14	nq	
88) Benzo(k)fluoranthene	18.33	252	1074078m	71.80	nq	
89) Benzo(a)pyrene	18.63	252	2066025	145.44	nq	98
90) Dibenzo(a,h)anthracene	19.94	278	699539m	51.18	nq	
91) Benzo(g,h,i)perylene	20.29	276	1466600	106.49	nq	98

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

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