

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083902.D
 Acq On : 18 Dec 2015 7:36
 Operator : UM/SJ
 Sample : G4759-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K210-0-2MSD

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:22:05 PM

Quant Time: Dec 18 12:07:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110734	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	410395	20.00	ng	0.01
38) Acenaphthene-d10	9.93	164	169718	20.00	ng	0.01
63) Phenanthrene-d10	11.41	188	252081	20.00	ng	0.02
75) Chrysene-d12	14.05	240	176379	20.00	ng	0.02
86) Perylene-d12	15.51	264	144407	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	456318	64.49	ng	0.03
7) Phenol-d6	6.54	99	568041	65.59	ng	0.03
23) Nitrobenzene-d5	7.45	82	316128	43.96	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	115427	61.74	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	554051	42.26	ng	0.00
78) Terphenyl-d14	13.00	244	364743	45.43	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	49153	16.01	ng	# 94
3) Pyridine	3.29	79	129635	17.08	ng	99
4) n-Nitrosodimethylamine	3.21	42	65746	22.71	ng	96
8) 2-Chlorophenol	6.68	128	160173	19.02	ng	84
9) Benzaldehyde	6.43	77	90555	17.35	ng	85
10) Phenol	6.56	94	194895	20.17	ng	79
11) bis(2-Chloroethyl)ether	6.61	93	162718	22.16	ng	90
12) 1,3-Dichlorobenzene	6.82	146	170102m	18.78	ng	
13) 1,4-Dichlorobenzene	6.90	146	184108	19.91	ng	96
14) 1,2-Dichlorobenzene	7.06	146	175540	21.60	ng	96
15) Benzyl Alcohol	7.04	79	157971	24.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	138734	18.33	ng	# 49
17) 2-Methylphenol	7.15	107	131496	19.91	ng	# 92
18) Hexachloroethane	7.39	117	51507	15.18	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	114324	22.64	ng	99
20) 3+4-Methylphenols	7.31	107	173532	22.36	ng	# 44
22) Acetophenone	7.30	105	237412	24.03	ng	# 92
24) Nitrobenzene	7.47	77	185521	24.95	ng	96
25) Isophorone	7.71	82	298786	22.08	ng	97
26) 2-Nitrophenol	7.78	139	53439	13.88	ng	# 77
27) 2,4-Dimethylphenol	7.84	122	146690	22.12	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	186870	23.35	ng	# 82
29) 2,4-Dichlorophenol	8.03	162	122899	20.43	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	134034	20.75	ng	98
31) Naphthalene	8.19	128	500003	23.11	ng	100
32) Benzoic acid	7.93	122	24113	14.17	ng	93
34) Hexachlorobutadiene	8.30	225	74523	18.47	ng	98
35) Caprolactam	8.61	113	38416	19.33	ng	96
36) 4-Chloro-3-methylphenol	8.73	107	139244	19.51	ng	89
37) 2-Methylnaphthalene	8.88	142	296539m	20.79	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	127025	23.74	ng	99
40) Hexachlorocyclopentadiene	9.04	237	926	8.93	ng	86
42) 2,4,6-Trichlorophenol	9.16	196	75731	21.43	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	76513	21.88	ng	# 81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.34	154	377390	25.78	ng	98
46) 2-Chloronaphthalene	9.37	162	256731	22.13	ng	98
47) 2-Nitroaniline	9.46	65	76142	22.69	ng	97
48) Acenaphthylene	9.78	152	395301	19.98	ng	99
49) Dimethylphthalate	9.64	163	444799	31.23	ng	98
50) 2,6-Dinitrotoluene	9.71	165	56804	18.29	ng	93
51) Acenaphthene	9.95	154	225573	18.54	ng	99
52) 3-Nitroaniline	9.87	138	16124	4.92	ng	94
53) 2,4-Dinitrophenol	9.98	184	1389	11.38	ng #	71
54) Dibenzofuran	10.12	168	338474	21.42	ng #	89
55) 4-Nitrophenol	10.05	139	71981	35.21	ng #	81
56) 2,4-Dinitrotoluene	10.11	165	70592	17.73	ng #	81
57) Fluorene	10.46	166	255480	19.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	53991	20.87	ng #	100
59) Diethylphthalate	10.34	149	294364	19.99	ng	95
60) 4-Chlorophenyl-phenylether	10.46	204	123679	20.42	ng	89
61) 4-Nitroaniline	10.48	138	20647	6.09	ng	95
62) Azobenzene	10.61	77	253040	20.50	ng	87
64) 4,6-Dinitro-2-methylphenol	10.52	198	1498	4.82	ng #	11
65) n-Nitrosodiphenylamine	10.58	169	235315	25.65	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	66298	21.51	ng #	54
67) Hexachlorobenzene	11.02	284	73802	22.74	ng #	93
68) Atrazine	11.12	200	62797	21.61	ng	97
69) Pentachlorophenol	11.22	266	57111	43.75	ng	98
70) Phenanthrene	11.44	178	387729	25.46	ng	100
71) Anthracene	11.48	178	306259	20.80	ng	99
72) Carbazole	11.64	167	294284	20.23	ng	99
73) Di-n-butylphthalate	11.97	149	376202	22.01	ng #	97
74) Fluoranthene	12.63	202	319024	20.99	ng	99
77) Pyrene	12.85	202	339326	31.10	ng	100
79) Butylbenzylphthalate	13.47	149	131512	22.40	ng	96
80) Benzo(a)anthracene	14.04	228	278657	25.70	ng	98
82) Chrysene	14.09	228	257175	24.55	ng	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	192662	24.58	ng #	97
84) Di-n-octyl phthalate	14.65	149	315087	25.68	ng #	83
85) Indeno(1,2,3-cd)pyrene	16.96	276	198342	25.32	ng	99
87) Benzo(b)fluoranthene	15.09	252	289134m	27.46	ng	
88) Benzo(k)fluoranthene	15.12	252	180773m	20.81	ng	
89) Benzo(a)pyrene	15.45	252	214684	24.69	ng #	93
90) Dibenzo(a,h)anthracene	16.97	278	154594	22.86	ng	98
91) Benzo(g,h,i)perylene	17.40	276	175950	26.54	ng	98

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

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