

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079226.D
 Acq On : 14 May 2015 7:44
 Operator : TP/IZ
 Sample : G2176-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MS

Manual Integrations
 APPROVED

apatel
 5/14/2015 5:03:21 PM

Quant Time: May 14 09:08:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:50:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	64514	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	242330	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	114361	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	221155	20.00	ng	-0.01
75) Chrysene-d12	16.14	240	227645	20.00	ng	0.01
86) Perylene-d12	17.95	264	245619	20.00	ng	0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	445466	118.86	ng	0.00
7) Phenol-d6	6.80	99	565116	114.07	ng	0.00
23) Nitrobenzene-d5	7.93	82	339893	80.61	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	168057	135.84	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	687025	83.70	ng	0.00
78) Terphenyl-d14	14.82	244	754987	79.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	55469m	34.04	ng	
3) Pyridine	2.92	79	103657	21.74	ng	96
4) n-Nitrosodimethylamine	2.81	42	75851m	37.12	ng	
6) Aniline	6.82	93	93887	13.43	ng	# 1
8) 2-Chlorophenol	6.97	128	176276	41.47	ng	90
9) Benzaldehyde	6.68	77	46915	14.06	ng	96
10) Phenol	6.82	94	207667	36.14	ng	91
11) bis(2-Chloroethyl)ether	6.92	93	180034	42.73	ng	95
12) 1,3-Dichlorobenzene	7.15	146	174189	36.46	ng	98
13) 1,4-Dichlorobenzene	7.26	146	182318	37.08	ng	99
14) 1,2-Dichlorobenzene	7.44	146	175720	38.39	ng	99
15) Benzyl Alcohol	7.42	79	143245	38.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.60	45	231927	35.98	ng	97
17) 2-Methylphenol	7.56	107	133790	39.11	ng	96
18) Hexachloroethane	7.85	117	50845	30.02	ng	# 81
19) n-Nitroso-di-n-propylamine	7.75	70	110624	33.06	ng	92
20) 3+4-Methylphenols	7.76	107	167656	36.78	ng	# 45
22) Acetophenone	7.75	105	230248	42.06	ng	# 89
24) Nitrobenzene	7.95	77	173962	41.62	ng	# 87
25) Isophorone	8.25	82	320976	41.06	ng	95
26) 2-Nitrophenol	8.34	139	80426	46.49	ng	# 89
27) 2,4-Dimethylphenol	8.41	122	156189	45.12	ng	96
28) bis(2-Chloroethoxy)methane	8.52	93	193291	40.11	ng	98
29) 2,4-Dichlorophenol	8.64	162	139704	45.39	ng	95
30) 1,2,4-Trichlorobenzene	8.74	180	136157	40.27	ng	96
31) Naphthalene	8.83	128	458669	39.72	ng	99
32) Benzoic acid	8.52	122	86709	41.04	ng	96
33) 4-Chloroaniline	8.91	127	59607	12.20	ng	95
34) Hexachlorobutadiene	8.99	225	75846	38.95	ng	99
35) Caprolactam	9.35	113	37006	37.18	ng	# 74
36) 4-Chloro-3-methylphenol	9.52	107	139997	43.30	ng	97
37) 2-Methylnaphthalene	9.70	142	338146	42.26	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	133523	41.46	ng	# 100
40) Hexachlorocyclopentadiene	9.88	237	32042	19.78	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	96370	43.52	nq	93
43) 2,4,5-Trichlorophenol	10.10	196	103285	46.14	nq #	87
45) 1,1'-Biphenyl	10.27	154	386233	42.48	nq	98
46) 2-Chloronaphthalene	10.30	162	299148	42.18	nq	99
47) 2-Nitroaniline	10.43	65	93638	45.57	nq #	73
48) Acenaphthylene	10.81	152	504307	43.31	nq	99
49) Dimethylphthalate	10.66	163	366843	43.71	nq	99
50) 2,6-Dinitrotoluene	10.74	165	80732	48.74	nq #	74
51) Acenaphthene	11.03	154	292973	42.19	nq	99
52) 3-Nitroaniline	10.94	138	52511	25.38	nq #	80
53) 2,4-Dinitrophenol	11.08	184	19180	41.20	nq #	70
54) Dibenzofuran	11.24	168	449539	44.82	nq	95
55) 4-Nitrophenol	11.16	139	137474	83.94	nq	90
56) 2,4-Dinitrotoluene	11.23	165	100944	46.10	nq	91
57) Fluorene	11.67	166	360901	43.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	80628	44.07	nq #	100
59) Diethylphthalate	11.54	149	356865	42.92	nq	98
60) 4-Chlorophenyl-phenylether	11.68	204	155880	42.68	nq #	89
61) 4-Nitroaniline	11.70	138	82261	39.74	nq #	80
62) Azobenzene	11.87	77	345069	42.12	nq	91
64) 4,6-Dinitro-2-methylphenol	11.74	198	18983	25.57	nq	95
65) n-Nitrosodiphenylamine	11.83	169	310923	42.22	nq	99
66) 4-Bromophenyl-phenylether	12.29	248	99291	43.07	nq #	87
67) Hexachlorobenzene	12.34	284	115215	43.73	nq #	88
68) Atrazine	12.50	200	95485	44.58	nq	95
69) Pentachlorophenol	12.59	266	121130	78.70	nq	97
70) Phenanthrene	12.86	178	518782	41.93	nq	99
71) Anthracene	12.93	178	534379	44.03	nq	99
72) Carbazole	13.13	167	535621	46.30	nq	98
73) Di-n-butylphthalate	13.58	149	612571	44.15	nq #	98
74) Fluoranthene	14.33	202	577665	44.81	nq	99
76) Benzidine	14.51	184	104516	17.04	nq	99
77) Pyrene	14.62	202	606587	46.24	nq	99
79) Butylbenzylphthalate	15.44	149	279845	48.80	nq	98
80) Benzo(a)anthracene	16.13	228	564054	45.25	nq	100
81) 3,3'-Dichlorobenzidine	16.10	252	181286	40.83	nq #	99
82) Chrysene	16.17	228	523821	43.69	nq	100
83) Bis(2-ethylhexyl)phthalate	16.18	149	405716	46.71	nq	99
84) Di-n-octyl phthalate	17.02	149	721948m	47.20	nq	
85) Indeno(1,2,3-cd)pyrene	19.41	276	674741	44.17	nq #	100
87) Benzo(b)fluoranthene	17.49	252	676774m	50.34	nq	
88) Benzo(k)fluoranthene	17.52	252	470662	36.16	nq	99
89) Benzo(a)pyrene	17.89	252	568874	45.95	nq #	94
90) Dibenzo(a,h)anthracene	19.44	278	557555	42.38	nq	99
91) Benzo(g,h,i)perylene	19.84	276	536321	40.67	nq	100

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

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