

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079451.D
 Acq On : 22 May 2015 23:49
 Operator : TP/IZ
 Sample : PB83563BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Manual Integrations
 APPROVED

apatel
 5/27/2015 8:16:53 AM

Quant Time: May 23 00:35:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	69836	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	281681	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	136975	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	256201	20.00	ng	-0.01
75) Chrysene-d12	15.91	240	240740	20.00	ng	-0.06
86) Perylene-d12	17.62	264	244576	20.00	ng	-0.23

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	514523m	126.82	ng	0.01
7) Phenol-d6	6.63	99	643053	119.91	ng	0.00
23) Nitrobenzene-d5	7.75	82	368238	75.13	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	198134	133.71	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	763767	77.68	ng	0.00
78) Terphenyl-d14	14.63	244	840814	83.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	64680m	36.67	ng	
3) Pyridine	2.59	79	161624m	31.31	ng	
4) n-Nitrosodimethylamine	2.51	42	80147m	36.24	ng	
6) Aniline	6.64	93	176066m	23.26	ng	
8) 2-Chlorophenol	6.79	128	190336	41.36	ng	84
9) Benzaldehyde	6.50	77	29699m	8.22	ng	
10) Phenol	6.65	94	241581	38.83	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	172432	37.81	ng	98
12) 1,3-Dichlorobenzene	6.97	146	200351	38.74	ng	# 95
13) 1,4-Dichlorobenzene	7.07	146	200942	37.75	ng	99
14) 1,2-Dichlorobenzene	7.26	146	191197	38.59	ng	97
15) Benzyl Alcohol	7.24	79	159811m	40.14	ng	
16) 2,2'-oxybis(1-Chloropropan	7.42	45	252513	36.19	ng	94
17) 2-Methylphenol	7.39	107	153832	41.54	ng	94
18) Hexachloroethane	7.67	117	71405	38.95	ng	95
19) n-Nitroso-di-n-propylamine	7.58	70	135982	37.54	ng	97
20) 3+4-Methylphenols	7.59	107	207600	42.08	ng	# 47
22) Acetophenone	7.56	105	261825	41.14	ng	# 88
24) Nitrobenzene	7.77	77	192333	39.59	ng	# 91
25) Isophorone	8.07	82	349734	38.49	ng	# 90
26) 2-Nitrophenol	8.17	139	87761	43.65	ng	92
27) 2,4-Dimethylphenol	8.24	122	178261	44.30	ng	95
28) bis(2-Chloroethoxy)methane	8.35	93	224025	39.99	ng	98
29) 2,4-Dichlorophenol	8.47	162	166313	46.48	ng	93
30) 1,2,4-Trichlorobenzene	8.56	180	158572	40.35	ng	96
31) Naphthalene	8.65	128	544489	40.57	ng	99
32) Benzoic acid	8.38	122	93983m	38.70	ng	
33) 4-Chloroaniline	8.74	127	134126	23.62	ng	# 88
34) Hexachlorobutadiene	8.81	225	87657	38.73	ng	99
35) Caprolactam	9.18	113	50815m	43.92	ng	
36) 4-Chloro-3-methylphenol	9.36	107	166918	44.42	ng	98
37) 2-Methylnaphthalene	9.51	142	386251	41.53	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	152360	39.50	ng	98
40) Hexachlorocyclopentadiene	9.70	237	99180	51.13	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	107998	40.72	nq	98
43) 2,4,5-Trichlorophenol	9.92	196	113200	42.22	nq #	87
45) 1,1'-Biphenyl	10.09	154	449306	41.26	nq	96
46) 2-Chloronaphthalene	10.11	162	358229	42.18	nq	96
47) 2-Nitroaniline	10.25	65	102184	41.52	nq	88
48) Acenaphthylene	10.62	152	572915	41.08	nq	99
49) Dimethylphthalate	10.49	163	426414	42.42	nq	99
50) 2,6-Dinitrotoluene	10.56	165	86357	43.53	nq #	52
51) Acenaphthene	10.83	154	332390	39.97	nq	99
52) 3-Nitroaniline	10.76	138	80601	32.52	nq	86
53) 2,4-Dinitrophenol	10.91	184	45508	63.27	nq #	57
54) Dibenzofuran	11.05	168	504093	41.96	nq	98
55) 4-Nitrophenol	10.99	139	125673	64.07	nq	86
56) 2,4-Dinitrotoluene	11.06	165	120198	45.83	nq	98
57) Fluorene	11.47	166	411268	41.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	90101	41.12	nq	99
59) Diethylphthalate	11.36	149	409735	41.14	nq	97
60) 4-Chlorophenyl-phenylether	11.49	204	179207	40.97	nq	96
61) 4-Nitroaniline	11.52	138	99086	39.97	nq	93
62) Azobenzene	11.68	77	409180	41.70	nq	98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43528	42.69	nq	78
65) n-Nitrosodiphenylamine	11.63	169	348605	40.86	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	113582	42.53	nq	93
67) Hexachlorobenzene	12.15	284	128967	42.25	nq #	79
68) Atrazine	12.32	200	110827	44.67	nq	94
69) Pentachlorophenol	12.40	266	106137	61.19	nq	98
70) Phenanthrene	12.66	178	588084	41.03	nq	99
71) Anthracene	12.73	178	604496	42.99	nq	99
72) Carbazole	12.94	167	575270	42.92	nq	100
73) Di-n-butylphthalate	13.39	149	661768	41.17	nq	99
74) Fluoranthene	14.14	202	625042	41.85	nq	95
76) Benzidine	14.32	184	292721	45.12	nq	98
77) Pyrene	14.41	202	638417	46.02	nq	100
79) Butylbenzylphthalate	15.25	149	282280	46.55	nq	96
80) Benzo(a)anthracene	15.90	228	565474	42.89	nq	99
81) 3,3'-Dichlorobenzidine	15.89	252	162982	34.71	nq	99
82) Chrysene	15.94	228	549494	43.34	nq	100
83) Bis(2-ethylhexyl)phthalate	15.97	149	404163	44.00	nq #	98
84) Di-n-octyl phthalate	16.75	149	694660	42.94	nq	96
85) Indeno(1,2,3-cd)pyrene	18.96	276	661966m	40.97	nq	
87) Benzo(b)fluoranthene	17.19	252	562477	42.02	nq #	98
88) Benzo(k)fluoranthene	17.22	252	583985m	45.06	nq	
89) Benzo(a)pyrene	17.57	252	565993	45.92	nq	98
90) Dibenzo(a,h)anthracene	18.98	278	557171	42.53	nq	99
91) Benzo(g,h,i)perylene	19.35	276	574917	43.79	nq #	95

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

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