

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101022.D
 Acq On : 30 Nov 2017 17:30
 Operator : SJ/JU
 Sample : PB104614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Manual Integrations
 APPROVED

Sohil
 12/1/2017 11:12:40 AM

Quant Time: Dec 01 00:44:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52048	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209299	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99307	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	193888	20.00	ng	0.00
75) Chrysene-d12	14.02	240	134813	20.00	ng	0.00
86) Perylene-d12	15.49	264	121973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	298600	94.80	ng	0.00
7) Phenol-d6	6.49	99	360361	94.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	216170	61.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	104900	87.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	476791	65.69	ng	0.00
78) Terphenyl-d14	12.96	244	464978	75.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	36080	27.701	ng	92
4) n-Nitrosodimethylamine	3.38	42	52311	31.721	ng	97
6) Aniline	6.52	93	56012	11.264	ng	98
8) 2-Chlorophenol	6.64	128	109290	31.823	ng	96
9) Benzaldehyde	6.40	77	48828	20.862	ng	95
10) Phenol	6.50	94	130125	30.602	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	97426	30.546	ng	98
12) 1,3-Dichlorobenzene	6.79	146	123560	30.898	ng	98
13) 1,4-Dichlorobenzene	6.87	146	126004	30.434	ng	98
14) 1,2-Dichlorobenzene	7.02	146	117561	30.442	ng	98
15) Benzyl Alcohol	6.99	79	92906	31.456	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	155093	35.774	ng	99
17) 2-Methylphenol	7.10	107	86949	31.354	ng	98
18) Hexachloroethane	7.36	117	40686	30.588	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	70199	27.258	ng	91
20) 3+4-Methylphenols	7.26	107	112806	31.191	ng	# 74
22) Acetophenone	7.26	105	141319	27.948	ng	# 91
24) Nitrobenzene	7.43	77	106652	31.015	ng	99
25) Isophorone	7.67	82	191232	31.909	ng	97
26) 2-Nitrophenol	7.75	139	57597	30.512	ng	95
27) 2,4-Dimethylphenol	7.79	122	94555	34.627	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	120526	29.922	ng	98
29) 2,4-Dichlorophenol	7.99	162	94252	31.709	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	101612	31.089	ng	95
31) Naphthalene	8.16	128	310279	30.079	ng	99
32) Benzoic acid	7.86	122	7195	3.388	ng	97
33) 4-Chloroaniline	8.20	127	62717	15.132	ng	99
34) Hexachlorobutadiene	8.27	225	58925	29.395	ng	97
35) Caprolactam	8.57	113	19563m	21.119	ng	
36) 4-Chloro-3-methylphenol	8.69	107	94683	30.751	ng	99
37) 2-Methylnaphthalene	8.85	142	214381	30.586	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	100390	27.827	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	86651	67.850	ng	99
42) 2,4,6-Trichlorophenol	9.13	196	69268	32.754	ng	99

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43) 2,4,5-Trichlorophenol	9.17	196	72289	31.973	nq	91
45) 1,1'-Biphenyl	9.31	154	256242	28.163	nq	97
46) 2-Chloronaphthalene	9.34	162	203892	31.555	nq	96
47) 2-Nitroaniline	9.43	65	58174	30.430	nq	97
48) Acenaphthylene	9.76	152	315013	29.665	nq	99
49) Dimethylphthalate	9.61	163	243581	30.414	nq	99
50) 2,6-Dinitrotoluene	9.68	165	51539	30.553	nq #	79
51) Acenaphthene	9.93	154	184314	28.987	nq	98
52) 3-Nitroaniline	9.85	138	41531	21.893	nq	92
53) 2,4-Dinitrophenol	9.96	184	34123	41.792	nq #	19
54) Dibenzofuran	10.10	168	278818	30.428	nq	98
55) 4-Nitrophenol	10.02	139	74491	58.227	nq	89
56) 2,4-Dinitrotoluene	10.09	165	70154	31.032	nq #	87
57) Fluorene	10.44	166	224774	30.175	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	58106	32.098	nq #	85
59) Diethylphthalate	10.31	149	224305	28.395	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	108101	29.393	nq	92
61) 4-Nitroaniline	10.46	138	43100	21.888	nq	89
62) Azobenzene	10.59	77	197663	29.485	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	28276	21.743	nq	83
65) n-Nitrosodiphenylamine	10.55	169	201027	29.389	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	68374	31.505	nq #	84
67) Hexachlorobenzene	10.99	284	71247	30.631	nq #	80
68) Atrazine	11.07	200	64421	30.703	nq	95
69) Pentachlorophenol	11.19	266	64449	50.394	nq	97
70) Phenanthrene	11.40	178	327251	30.649	nq	97
71) Anthracene	11.46	178	339067	31.377	nq	99
72) Carbazole	11.61	167	279273	28.285	nq	98
73) Di-n-butylphthalate	11.93	149	351946	28.439	nq	98
74) Fluoranthene	12.59	202	337672	28.530	nq	96
77) Pyrene	12.82	202	333225	35.821	nq	99
79) Butylbenzylphthalate	13.43	149	128739	31.389	nq	95
80) Benzo(a)anthracene	14.01	228	261721	30.748	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	55947	18.979	nq	98
82) Chrysene	14.05	228	248669	31.457	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	167243	28.599	nq	99
84) Di-n-octyl phthalate	14.60	149	251139	25.793	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	253047	36.005	nq #	93
87) Benzo(b)fluoranthene	15.06	252	217766	29.807	nq	98
88) Benzo(k)fluoranthene	15.09	252	217991	30.285	nq #	97
89) Benzo(a)pyrene	15.43	252	211101	31.783	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	210254	35.907	nq #	93
91) Benzo(g,h,i)perylene	17.43	276	216742	39.277	nq #	92

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

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