

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101058.D
 Acq On : 1 Dec 2017 13:03
 Operator : SJ/JU
 Sample : PB104640BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104640BS

Manual Integrations
 APPROVED

Sohil
 12/4/2017 11:56:27 AM

Quant Time: Dec 01 15:58:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52633	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208602	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	101645	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	205508	20.00	ng	0.00
75) Chrysene-d12	14.02	240	165506	20.00	ng	0.00
86) Perylene-d12	15.49	264	123218	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	285412	89.61	ng	0.00
7) Phenol-d6	6.48	99	347327	89.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	210334	60.15	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	95703	78.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	481861	64.86	ng	0.00
78) Terphenyl-d14	12.96	244	516907	68.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	24549	18.639	ng	# 93
4) n-Nitrosodimethylamine	3.36	42	35562	21.325	ng	86
6) Aniline	6.51	93	47759	9.497	ng	98
8) 2-Chlorophenol	6.63	128	80439	23.162	ng	94
9) Benzaldehyde	6.40	77	34566	14.604	ng	97
10) Phenol	6.49	94	96100	22.349	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	70634	21.900	ng	98
12) 1,3-Dichlorobenzene	6.79	146	89523	22.138	ng	96
13) 1,4-Dichlorobenzene	6.86	146	91479	21.850	ng	98
14) 1,2-Dichlorobenzene	7.02	146	86438	22.134	ng	97
15) Benzyl Alcohol	6.99	79	68988	23.098	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	114330	26.078	ng	99
17) 2-Methylphenol	7.10	107	65696	23.427	ng	94
18) Hexachloroethane	7.36	117	29922	22.245	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	54608	20.968	ng	93
20) 3+4-Methylphenols	7.25	107	85323m	23.330	ng	
22) Acetophenone	7.26	105	108413	21.512	ng	# 96
24) Nitrobenzene	7.43	77	78935	23.032	ng	97
25) Isophorone	7.66	82	147993	24.776	ng	98
26) 2-Nitrophenol	7.75	139	42168	22.413	ng	98
27) 2,4-Dimethylphenol	7.78	122	71651	26.327	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	90916	22.647	ng	98
29) 2,4-Dichlorophenol	7.99	162	72255	24.390	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	74591	22.898	ng	95
31) Naphthalene	8.15	128	234434	22.803	ng	100
33) 4-Chloroaniline	8.20	127	62450	15.118	ng	98
34) Hexachlorobutadiene	8.26	225	44999	22.523	ng	96
35) Caprolactam	8.56	113	11971m	12.966	ng	
36) 4-Chloro-3-methylphenol	8.68	107	72470	23.616	ng	94
37) 2-Methylnaphthalene	8.84	142	167744	24.012	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	75552	20.461	ng	# 97
40) Hexachlorocyclopentadiene	8.99	237	55220	45.010	ng	97
42) 2,4,6-Trichlorophenol	9.12	196	47692	22.033	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	52310	22.604	ng	# 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.30	154	199002	21.369	nq	96
46) 2-Chloronaphthalene	9.33	162	156618	23.681	nq	95
47) 2-Nitroaniline	9.43	65	46211	23.616	nq	94
48) Acenaphthylene	9.75	152	246041	22.637	nq	99
49) Dimethylphthalate	9.60	163	201509	24.582	nq	100
50) 2,6-Dinitrotoluene	9.67	165	40101	23.226	nq	95
51) Acenaphthene	9.92	154	143092	21.986	nq	98
52) 3-Nitroaniline	9.84	138	37941	19.541	nq	97
53) 2,4-Dinitrophenol	9.96	184	255	5.097	nq #	1
54) Dibenzofuran	10.09	168	221497	23.617	nq	98
55) 4-Nitrophenol	10.00	139	51452	39.293	nq	91
56) 2,4-Dinitrotoluene	10.07	165	54740	23.657	nq #	93
57) Fluorene	10.43	166	176857	23.197	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	32388	17.480	nq #	84
59) Diethylphthalate	10.30	149	180503	22.324	nq	94
60) 4-Chlorophenyl-phenylether	10.42	204	87091	23.135	nq	94
61) 4-Nitroaniline	10.46	138	43293	21.480	nq	89
62) Azobenzene	10.59	77	156995	22.880	nq	93
65) n-Nitrosodiphenylamine	10.55	169	160701	22.165	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	53974	23.464	nq #	83
67) Hexachlorobenzene	10.98	284	57911	23.490	nq #	90
68) Atrazine	11.07	200	52168	23.457	nq	96
69) Pentachlorophenol	11.18	266	16894	12.463	nq	98
70) Phenanthrene	11.40	178	262366	23.183	nq	98
71) Anthracene	11.45	178	274186	23.938	nq	98
72) Carbazole	11.60	167	238316	22.772	nq	99
73) Di-n-butylphthalate	11.93	149	296267	22.586	nq	98
74) Fluoranthene	12.59	202	288844	23.025	nq	96
77) Pvrene	12.82	202	291856	25.556	nq	98
79) Butylbenzylphthalate	13.43	149	120974	24.026	nq	94
80) Benzo(a)anthracene	14.01	228	253786	24.286	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	66207	18.294	nq	97
82) Chrysene	14.04	228	231774	23.882	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	169159	23.562	nq	99
84) Di-n-octyl phthalate	14.59	149	256790	21.482	nq	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	177572	20.581	nq #	92
87) Benzo(b)fluoranthene	15.06	252	182772m	24.764	nq	
88) Benzo(k)fluoranthene	15.09	252	177872	24.462	nq #	96
89) Benzo(a)pyrene	15.42	252	161353	24.048	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	148230	25.059	nq #	96
91) Benzo(g,h,i)perylene	17.41	276	151232	27.129	nq #	91

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

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