

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095400.D
 Acq On : 24 May 2017 21:07
 Operator : SJ/MA
 Sample : I3221-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-02MS

Manual Integrations
 APPROVED

Quant Time: May 25 16:23:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards R.T. QIon Response Conc Units Dev(Min) 5/25/2017 6:00:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	82939	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	320094	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	106368	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	190890	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	175547	20.00	ng	-0.01
86) Perylene-d12	20.36	264	118169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	762561	153.29	ng	-0.01
7) Phenol-d6	7.31	99	885969	148.43	ng	0.00
23) Nitrobenzene-d5	8.65	82	494879	97.49	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	136182	156.33	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	884042	119.63	ng	-0.02
78) Terphenyl-d14	17.33	244	645712	81.02	ng	-0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	96549	39.57	ng	95
3) Pyridine	2.94	79	231528	40.95	ng	99
4) n-Nitrosodimethylamine	2.87	42	89097	37.80	ng	83
6) Aniline	7.26	93	280396	37.21	ng	96
8) 2-Chlorophenol	7.45	128	262185	46.30	ng	92
9) Benzaldehyde	7.08	77	83108	22.80	ng	96
10) Phenol	7.32	94	286711	45.58	ng	89
11) bis(2-Chloroethyl)ether	7.39	93	243422	46.88	ng	95
12) 1,3-Dichlorobenzene	7.65	146	294840	45.90	ng	98
13) 1,4-Dichlorobenzene	7.78	146	302666	46.47	ng	97
14) 1,2-Dichlorobenzene	8.01	146	278474	45.80	ng	96
15) Benzyl Alcohol	8.04	79	202979	52.87	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	327695	44.59	ng	96
17) 2-Methylphenol	8.26	107	214040	46.19	ng	94
18) Hexachloroethane	8.52	117	77335	35.05	ng	# 82
19) n-Nitroso-di-n-propylamine	8.46	70	192496	47.68	ng	94
20) 3+4-Methylphenols	8.52	107	282905	44.		

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	5/25/2017 6:00:26 PM
42) 2,4,6-Trichlorophenol	11.44	196	119238	54.60	nq	98	
43) 2,4,5-Trichlorophenol	11.54	196	108018	46.02	nq	96	
45) 1,1'-Biphenyl	11.69	154	535786	59.83	nq	97	
46) 2-Chloronaphthalene	11.71	162	407020	56.29	nq	96	
47) 2-Nitroaniline	11.94	65	120726	61.00	nq	#	79
48) Acenaphthylene	12.37	152	614417	54.25	nq	99	
49) Dimethylphthalate	12.24	163	594486	68.08	nq	98	
50) 2,6-Dinitrotoluene	12.34	165	79485	44.62	nq	#	91
51) Acenaphthene	12.65	154	341836	50.53	nq	99	
52) 3-Nitroaniline	12.62	138	102551	53.63	nq	86	
54) Dibenzofuran	12.94	168	534326	57.08	nq	96	
55) 4-Nitrophenol	13.05	139	88220	76.82	nq	#	79
56) 2,4-Dinitrotoluene	13.02	165	86807	37.92	nq	94	
57) Fluorene	13.49	166	408130	50.14	nq	100	
58) 2,3,4,6-Tetrachlorophenol	13.19	232	78560m	53.18	nq		
59) Diethylphthalate	13.39	149	441481	52.75	nq	99	
60) 4-Chlorophenyl-phenylether	13.52	204	184089	51.46	nq	89	
61) 4-Nitroaniline	13.62	138	91745	52.27	nq	95	
62) Azobenzene	13.78	77	366446	54.49	nq	91	
65) n-Nitrosodiphenylamine	13.72	169	348572	50.31	nq	99	
66) 4-Bromophenyl-phenylether	14.30	248	99621	49.40	nq	98	
67) Hexachlorobenzene	14.39	284	95776	46.34	nq	#	89
68) Atrazine	14.65	200	84210	43.05	nq	97	
69) Pentachlorophenol	14.75	266	73531	78.78	nq	98	
70) Phenanthrene	15.04	178	537094	48.97	nq	98	
71) Anthracene	15.12	178	548338	48.94	nq	99	
72) Carbazole	15.41	167	524082	51.41	nq	96	
73) Di-n-butylphthalate	15.97	149	619572	48.74	nq	99	
74) Fluoranthene	16.79	202	599589	53.29	nq	98	
76) Benzidine	17.01	184	196811	42.35	nq	#	92
77) Pyrene	17.09	202	608710	46.36	nq	99	
79) Butylbenzylphthalate	17.98	149	281838	46.15	nq	87	
80) Benzo(a)anthracene	18.67	228	481818	47.16	nq	99	
81) 3,3'-Dichlorobenzidine	18.65	252	153462	43.49	nq	#	96
82) Chrysene	18.72	228	434612	43.99	nq	98	

