

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087913.D
 Acq On : 11 Jun 2016 20:33
 Operator : UM/SJ
 Sample : H3446-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Quant Time: Jun 12 05:31:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	308817	20.00	ng	0.11
21) Naphthalene-d8	8.41	136	245	20.00	ng	0.29
38) Acenaphthene-d10	10.30	164	6301	20.00	ng	0.41
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.36
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.99
86) Perylene-d12	15.29	264	433	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	748473	41.43	ng	-0.02
7) Phenol-d6	6.44	99	906845	41.42	ng	-0.03
23) Nitrobenzene-d5	7.63	82	660204	157355.29	ng	0.22
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.91	244	1107171	0.00	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	86752	9.88	ng	# 87
3) Pyridine	3.20	79	210256	10.15	ng	94
4) n-Nitrosodimethylamine	3.12	42	111176	12.67	ng	91
6) Aniline	6.55	93	339063	10.88	ng	# 57
8) 2-Chlorophenol	6.59	128	332615	15.56	ng	86
10) Phenol	6.46	94	330484	12.84	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	339149	17.67	ng	87
12) 1,3-Dichlorobenzene	6.97	146	289232	12.61	ng	96
13) 1,4-Dichlorobenzene	6.97	146	289232	12.52	ng	94
14) 1,2-Dichlorobenzene	6.97	146	289232	13.76	ng	# 90
15) Benzyl Alcohol	6.95	79	268250	15.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	404706	15.60	ng	90
17) 2-Methylphenol	7.07	107	283148	16.33	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	84362	6.02	ng	# 72
20) 3+4-Methylphenols	7.22	107	321762	15.90	ng	# 83
22) Acetophenone	7.76	105	11899	2173.28	ng	# 1
24) Nitrobenzene	7.63	77	21488	5287.23	ng	# 76
27) 2,4-Dimethylphenol	7.88	122	226185	56427.59	ng	# 9
30) 1,2,4-Trichlorobenzene	8.26	180	1947	534.27	ng	93
31) Naphthalene	8.17	128	8263	681.53	ng	# 1
32) Benzoic acid	8.24	122	6149	2785.86	ng	# 5
33) 4-Chloroaniline	8.66	127	925	170.85	ng	# 1
35) Caprolactam	8.90	113	14398	12987.91	ng	# 1
36) 4-Chloro-3-methylphenol	8.97	107	21404	5980.15	ng	# 13
37) 2-Methylnaphthalene	8.90	142	631871	79070.51	ng	# 94
42) 2,4,6-Trichlorophenol	9.28	196	2543	20.18	ng	96
45) 1,1'-Biphenyl	9.88	154	771527	1885.02	ng	# 14
46) 2-Chloronaphthalene	9.77	162	943	2.31	ng	# 36
47) 2-Nitroaniline	9.79	65	57742	480.06	ng	# 74
48) Acenaphthylene	9.88	152	337937	521.06	ng	# 1
49) Dimethylphthalate	10.00	163	236556	518.27	ng	# 96
50) 2,6-Dinitrotoluene	10.04	165	270447	2587.27	ng	# 79
51) Acenaphthene	10.51	154	16725	41.34	ng	# 27
52) 3-Nitroaniline	10.42	138	177257	1469.58	ng	# 27

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2,4-Dinitrophenol	10.55	184	1520	32.45	nq	# 1
54) Dibenzofuran	10.51	168	454959	816.51	nq	# 1
55) 4-Nitrophenol	10.40	139	100634	1074.95	nq	# 22
56) 2,4-Dinitrotoluene	10.40	165	725792	5402.82	nq	# 40
57) Fluorene	10.64	166	13790	35.62	nq	# 86
61) 4-Nitroaniline	10.88	138	1542	13.48	nq	# 1
62) Azobenzene	10.88	77	134997	295.48	nq	# 53
87) Benzo(b)fluoranthene	15.01	252	1497264	49611.67	nq	# 96
88) Benzo(k)fluoranthene	15.01	252	1498642	65828.31	nq	99
89) Benzo(a)pvrene	15.01	252	747848	30627.91	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	590983	26059.55	nq	98
91) Benzo(a,h,i)perylene	17.17	276	619218	26543.84	nq	98

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

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