

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087110.D
 Acq On : 17 May 2016 19:03
 Operator : UM/SJ
 Sample : H3074-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:57:41 PM

Quant Time: May 18 11:41:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145683	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	614846	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	247021	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	533258	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	333983	20.00	ng	-0.02
86) Perylene-d12	15.10	264	20991	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1098943	126.79	ng	0.00
7) Phenol-d6	6.27	99	1273200	109.53	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1130650	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	453096	165.99	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	1846020	123.77	ng	-0.01
78) Terphenyl-d14	12.70	244	1674730	113.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	153009	34.32	ng	# 65
3) Pyridine	2.88	79	99131m	9.19	ng	
4) n-Nitrosodimethylamine	2.76	42	314634	41.17	ng	# 51
8) 2-Chlorophenol	6.39	128	452169	42.88	ng	86
9) Benzaldehyde	6.15	77	36217	4.37	ng	98
10) Phenol	6.28	94	517612	35.42	ng	85
11) bis(2-Chloroethyl)ether	6.34	93	449357	40.95	ng	84
12) 1,3-Dichlorobenzene	6.54	146	452950	40.41	ng	99
13) 1,4-Dichlorobenzene	6.62	146	460950	40.19	ng	100
14) 1,2-Dichlorobenzene	6.76	146	446971	44.51	ng	98
15) Benzyl Alcohol	6.78	79	43567	5.03	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.89	45	943133	41.81	ng	74
17) 2-Methylphenol	6.89	107	305334	35.26	ng	# 75
18) Hexachloroethane	7.10	117	180066	41.07	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	357591	40.47	ng	# 66
20) 3+4-Methylphenols	7.05	107	431780	37.80	ng	# 60
22) Acetophenone	7.02	105	681905	45.32	ng	# 98
24) Nitrobenzene	7.19	77	506476	37.60	ng	94
25) Isophorone	7.43	82	991916	43.92	ng	97
26) 2-Nitrophenol	7.51	139	251424	45.06	ng	# 78
27) 2,4-Dimethylphenol	7.56	122	356313	37.42	ng	87
28) bis(2-Chloroethoxy)methane	7.64	93	211273	17.04	ng	99
29) 2,4-Dichlorophenol	7.76	162	395970	47.19	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	400022	42.96	ng	97
31) Naphthalene	7.91	128	1381727	45.99	ng	99
32) Benzoic acid	7.74	122	268879	47.37	ng	# 80
34) Hexachlorobutadiene	8.02	225	222446	42.10	ng	99
35) Caprolactam	8.36	113	89249m	31.94	ng	
36) 4-Chloro-3-methylphenol	8.48	107	414482	40.95	ng	92
37) 2-Methylnaphthalene	8.59	142	844123m	43.93	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	380776	52.78	ng	# 97
40) Hexachlorocyclopentadiene	8.75	237	317384	110.59	ng	94
42) 2,4,6-Trichlorophenol	8.89	196	262630	56.13	ng	94
43) 2,4,5-Trichlorophenol	8.95	196	243052	50.00	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.06	154	1035709	50.57	nq	96
46) 2-Chloronaphthalene	9.08	162	806131	51.27	nq	93
47) 2-Nitroaniline	9.20	65	121875	20.23	nq	92
48) Acenaphthylene	9.50	152	714167	29.74	nq	99
49) Dimethylphthalate	9.38	163	1099818	58.36	nq	100
50) 2,6-Dinitrotoluene	9.44	165	205468	50.22	nq	# 75
51) Acenaphthene	9.67	154	715137	47.67	nq	99
53) 2,4-Dinitrophenol	9.72	184	254876	107.01	nq	# 79
54) Dibenzofuran	9.84	168	1058591	54.57	nq	93
55) 4-Nitrophenol	9.80	139	191260m	66.31	nq	
56) 2,4-Dinitrotoluene	9.85	165	319630	60.99	nq	# 75
57) Fluorene	10.18	166	877217	56.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	222387	58.74	nq	96
59) Diethylphthalate	10.07	149	984530	54.73	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	422848	57.24	nq	# 77
61) 4-Nitroaniline	10.23	138	46460	10.62	nq	83
62) Azobenzene	10.33	77	908996	43.85	nq	84
64) 4,6-Dinitro-2-methylphenol	10.25	198	160807	45.79	nq	# 40
65) n-Nitrosodiphenylamine	10.30	169	87380	5.21	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	260889	47.58	nq	96
67) Hexachlorobenzene	10.73	284	320435	50.40	nq	97
69) Pentachlorophenol	10.94	266	293801	123.01	nq	97
70) Phenanthrene	11.13	178	1314335	45.44	nq	100
71) Anthracene	11.19	178	1294551	44.25	nq	100
72) Carbazole	11.35	167	65571	2.45	nq	97
73) Di-n-butylphthalate	11.69	149	1605286	52.30	nq	100
74) Fluoranthene	12.32	202	1364618	47.09	nq	94
77) Pvrene	12.54	202	802334	33.25	nq	99
79) Butylbenzylphthalate	13.18	149	439074	43.11	nq	98
80) Benzo(a)anthracene	13.73	228	917622	47.52	nq	99
82) Chrysene	13.77	228	1042901	55.82	nq	100
83) Bis(2-ethylhexyl)phthalate	13.74	149	856125	69.06	nq	98
84) Di-n-octyl phthalate	14.34	149	1415548	66.29	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.33	276	414658	25.28	nq	98
87) Benzo(b)fluoranthene	14.73	252	957245m	687.40	nq	
88) Benzo(k)fluoranthene	14.75	252	593268m	572.25	nq	
89) Benzo(a)pyrene	15.04	252	369651	317.56	nq	96
90) Dibenzo(a,h)anthracene	16.34	278	631525	644.39	nq	96
91) Benzo(g,h,i)perylene	16.70	276	332341	335.75	nq	93

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

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