

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097514.D
 Acq On : 9 Aug 2017 13:09
 Operator : SJ/JU
 Sample : I4646-06MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMS

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:17:18 PM

Quant Time: Aug 09 17:41:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	101762	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	364506	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	135356	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	211455	20.00	ng	0.00
75) Chrysene-d12	13.53	240	142807	20.00	ng	0.00
86) Perylene-d12	14.87	264	116436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.00	112	566116	83.86	ng	0.00
7) Phenol-d6	6.09	99	650400	84.40	ng	0.00
23) Nitrobenzene-d5	6.98	82	330144	53.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	76266	71.31	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	504562	63.26	ng	0.00
78) Terphenyl-d14	12.49	244	347511	49.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.91	88	65974	23.420	ng	# 78
3) Pyridine	2.52	79	188997	21.910	ng	# 61
4) n-Nitrosodimethylamine	2.46	42	118413	24.779	ng	79
6) Aniline	6.10	93	198486	20.467	ng	# 29
8) 2-Chlorophenol	6.20	128	203135	28.142	ng	91
9) Benzaldehyde	5.96	77	96282	21.108	ng	98
10) Phenol	6.10	94	301921	33.029	ng	# 71
11) bis(2-Chloroethyl)ether	6.15	93	217420	30.073	ng	90
12) 1,3-Dichlorobenzene	6.35	146	201946	25.961	ng	98
13) 1,4-Dichlorobenzene	6.42	146	204479	26.525	ng	95
14) 1,2-Dichlorobenzene	6.57	146	181964	27.034	ng	97
15) Benzyl Alcohol	6.58	79	147687	30.269	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	401390	27.681	ng	92
17) 2-Methylphenol	6.72	107	151434	27.183	ng	96
18) Hexachloroethane	6.91	117	49379	17.509	ng	# 82
19) n-Nitroso-di-n-propylamine	6.84	70	138528	27.309	ng	# 82
20) 3+4-Methylphenols	6.87	107	192785	26.496	ng	# 61
22) Acetophenone	6.83	105	257501	29.417	ng	# 98
24) Nitrobenzene	7.00	77	182762	28.242	ng	94
25) Isophorone	7.24	82	314900	25.879	ng	98
26) 2-Nitrophenol	7.32	139	76154	21.752	ng	# 89
27) 2,4-Dimethylphenol	7.39	122	160897	27.860	ng	95
28) bis(2-Chloroethoxy)methane	7.46	93	227306	28.625	ng	98
29) 2,4-Dichlorophenol	7.59	162	137208	27.578	ng	98
30) 1,2,4-Trichlorobenzene	7.64	180	126198	26.611	ng	97
31) Naphthalene	7.71	128	511671	29.779	ng	100
32) Benzoic acid	7.53	122	11329	2.627	ng	# 70
33) 4-Chloroaniline	7.80	127	159055	22.750	ng	98
34) Hexachlorobutadiene	7.83	225	66364	26.397	ng	99
35) Caprolactam	8.14	113	46779	29.322	ng	# 35
36) 4-Chloro-3-methylphenol	8.29	107	143431	26.425	ng	88
37) 2-Methylnaphthalene	8.40	142	373434	34.326	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	104586	28.958	ng	98
42) 2,4,6-Trichlorophenol	8.70	196	73337	28.021	ng	99

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43) 2,4,5-Trichlorophenol	8.76	196	69246	26.433	nq	96
45) 1,1'-Biphenyl	8.87	154	318990	27.591	nq	97
46) 2-Chloronaphthalene	8.89	162	235518	27.683	nq #	92
47) 2-Nitroaniline	9.00	65	96079	31.118	nq	92
48) Acenaphthylene	9.30	152	375539	28.758	nq	99
49) Dimethylphthalate	9.17	163	347478	33.806	nq	100
50) 2,6-Dinitrotoluene	9.25	165	54374	24.942	nq #	82
51) Acenaphthene	9.47	154	246944	32.104	nq	100
52) 3-Nitroaniline	9.42	138	74455	27.515	nq	86
54) Dibenzofuran	9.64	168	335103	32.707	nq #	88
55) 4-Nitrophenol	9.63	139	23988m	14.907	nq	
56) 2,4-Dinitrotoluene	9.66	165	68233	27.226	nq #	73
57) Fluorene	9.98	166	276674	35.929	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	47957	26.513	nq #	95
59) Diethylphthalate	9.87	149	253699	26.903	nq	99
60) 4-Chlorophenyl-phenylether	9.98	204	87898	27.642	nq	98
61) 4-Nitroaniline	10.02	138	69868	27.174	nq	95
62) Azobenzene	10.14	77	225714	25.801	nq	87
65) n-Nitrosodiphenylamine	10.10	169	255111	34.674	nq	94
66) 4-Bromophenyl-phenylether	10.46	248	55480	26.291	nq	97
67) Hexachlorobenzene	10.54	284	56170	23.736	nq #	92
68) Atrazine	10.63	200	50289	23.837	nq	92
69) Pentachlorophenol	10.75	266	35706	36.467	nq	94
70) Phenanthrene	10.93	178	583253	51.479	nq	100
71) Anthracene	10.99	178	428637	36.938	nq	100
72) Carbazole	11.15	167	327937	28.735	nq	98
73) Di-n-butylphthalate	11.49	149	364955	25.870	nq	99
74) Fluoranthene	12.12	202	438443	39.502	nq	97
76) Benzidine	12.25	184	90214	17.025	nq	94
77) Pyrene	12.34	202	413363	35.357	nq	99
79) Butylbenzylphthalate	12.97	149	186094	31.292	nq #	76
80) Benzo(a)anthracene	13.53	228	254661	27.560	nq	98
81) 3,3'-Dichlorobenzidine	13.49	252	75829	21.762	nq #	95
82) Chrysene	13.56	228	251839	27.912	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	202604	26.093	nq #	100
84) Di-n-octyl phthalate	14.14	149	422955	29.683	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.06	276	173794	22.463	nq	97
87) Benzo(b)fluoranthene	14.53	252	220970	31.571	nq	96
88) Benzo(k)fluoranthene	14.55	252	176209m	26.420	nq	
89) Benzo(a)pyrene	14.83	252	180641	28.199	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	143976	27.408	nq	96
91) Benzo(g,h,i)perylene	16.42	276	149258	27.095	nq	97

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

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