

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080450.D
 Acq On : 14 Jul 2015 6:09
 Operator : TP/UM
 Sample : G2945-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Manual Integrations
 APPROVED

apatel
 7/15/2015 8:27:59 AM

Quant Time: Jul 14 07:34:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	10704	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	44409	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	22026	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	37664	20.00	ng	-0.02
75) Chrysene-d12	14.43	240	46839	20.00	ng	-0.29
86) Perylene-d12	16.10	264	61974	20.00	ng	-0.49

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	41800	66.92	ng	0.00
7) Phenol-d6	6.78	99	30789	37.00	ng	0.01
23) Nitrobenzene-d5	7.70	82	67864	87.16	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	22273	103.61	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	144094	88.11	ng	0.00
78) Terphenyl-d14	13.26	244	154860	71.80	ng	-0.14

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	4009	13.33	ng	# 79
3) Pyridine	4.04	79	5975m	8.95	ng	
4) n-Nitrosodimethylamine	3.77	42	5247	14.33	ng	# 73
6) Aniline	6.81	93	14538	14.01	ng	91
8) 2-Chlorophenol	6.93	128	23805	31.63	ng	93
9) Benzaldehyde	6.69	77	11760	25.54	ng	89
10) Phenol	6.80	94	13094	14.24	ng	89
11) bis(2-Chloroethyl)ether	6.85	93	27733	36.63	ng	91
12) 1,3-Dichlorobenzene	7.07	146	29718	34.92	ng	97
13) 1,4-Dichlorobenzene	7.15	146	32530	33.90	ng	99
14) 1,2-Dichlorobenzene	7.31	146	29244	32.17	ng	97
15) Benzyl Alcohol	7.29	79	15697	22.92	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.40	45	49016	44.89	ng	# 51
17) 2-Methylphenol	7.40	107	14770	22.58	ng	# 83
18) Hexachloroethane	7.65	117	9531	32.19	ng	92
19) n-Nitroso-di-n-propylamine	7.54	70	19471	34.19	ng	94
20) 3+4-Methylphenols	7.55	107	20916	25.45	ng	# 48
22) Acetophenone	7.54	105	43604	40.97	ng	# 97
24) Nitrobenzene	7.72	77	32899	38.19	ng	91
25) Isophorone	7.95	82	60270	43.19	ng	# 92
26) 2-Nitrophenol	8.04	139	12693	30.70	ng	97
27) 2,4-Dimethylphenol	8.08	122	23357	35.88	ng	96
28) bis(2-Chloroethoxy)methane	8.16	93	38240	45.29	ng	98
29) 2,4-Dichlorophenol	8.28	162	22232	37.00	ng	87
30) 1,2,4-Trichlorobenzene	8.36	180	25133	31.62	ng	94
31) Naphthalene	8.44	128	90827	37.40	ng	99
32) Benzoic acid	8.16	122	3390	7.41	ng	97
33) 4-Chloroaniline	8.50	127	14816	18.00	ng	96
34) Hexachlorobutadiene	8.56	225	15388	33.35	ng	98
35) Caprolactam	8.85	113	729	4.24	ng	# 75
36) 4-Chloro-3-methylphenol	8.98	107	22787	35.81	ng	88
37) 2-Methylnaphthalene	9.13	142	55489	34.62	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	27781	37.69	ng	97
40) Hexachlorocyclopentadiene	9.29	237	28875	75.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	16030	37.77	ng	96
43) 2,4,5-Trichlorophenol	9.46	196	18135	39.81	ng #	87
45) 1,1'-Biphenyl	9.60	154	77646	40.44	ng	97
46) 2-Chloronaphthalene	9.62	162	53333	37.63	ng #	92
47) 2-Nitroaniline	9.73	65	13954	32.67	ng #	83
48) Acenaphthylene	10.04	152	96115	39.65	ng	99
49) Dimethylphthalate	9.89	163	66930	40.20	ng	99
50) 2,6-Dinitrotoluene	9.95	165	11802	31.58	ng #	57
51) Acenaphthene	10.21	154	60940	39.55	ng	98
52) 3-Nitroaniline	10.14	138	8063	22.10	ng	82
53) 2,4-Dinitrophenol	10.24	184	12238	71.21	ng #	82
54) Dibenzofuran	10.38	168	87593	42.93	ng	95
55) 4-Nitrophenol	10.32	139	7923	30.12	ng	86
56) 2,4-Dinitrotoluene	10.36	165	18630	42.64	ng #	69
57) Fluorene	10.73	166	70727	41.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.51	232	14474	36.22	ng #	92
59) Diethylphthalate	10.59	149	60571	37.16	ng #	91
60) 4-Chlorophenyl-phenylether	10.72	204	30006	36.24	ng #	82
61) 4-Nitroaniline	10.75	138	9601	27.07	ng	96
62) Azobenzene	10.88	77	70030	39.80	ng	87
64) 4,6-Dinitro-2-methylphenol	10.77	198	7891	38.27	ng #	63
65) n-Nitrosodiphenylamine	10.83	169	58134	49.52	ng	99
66) 4-Bromophenyl-phenylether	11.21	248	17570	43.77	ng #	80
67) Hexachlorobenzene	11.28	284	18662	46.31	ng #	71
68) Atrazine	11.36	200	16236	44.47	ng	97
69) Pentachlorophenol	11.48	266	18040	78.38	ng	98
70) Phenanthrene	11.69	178	93869	41.48	ng	99
71) Anthracene	11.74	178	104902	50.06	ng	99
72) Carbazole	11.90	167	94483	48.86	ng	98
73) Di-n-butylphthalate	12.21	149	100495	49.15	ng	99
74) Fluoranthene	12.90	202	103030	43.90	ng	98
77) Pyrene	13.13	202	106754m	35.57	ng	
79) Butylbenzylphthalate	13.77	149	43855	38.55	ng #	80
80) Benzo(a)anthracene	14.42	228	115890	39.26	ng	99
81) 3,3'-Dichlorobenzidine	14.37	252	15219	17.25	ng	96
82) Chrysene	14.45	228	113779	41.86	ng	99
83) Bis(2-ethylhexyl)phthalate	14.37	149	70085	39.26	ng #	95
84) Di-n-octyl phthalate	15.09	149	119007	37.85	ng #	91
85) Indeno(1,2,3-cd)pyrene	17.73	276	240898	71.35	ng	97
87) Benzo(b)fluoranthene	15.62	252	160993	37.40	ng	98
88) Benzo(k)fluoranthene	15.65	252	119687m	34.00	ng	
89) Benzo(a)pyrene	16.03	252	150889	40.00	ng	98
90) Dibenzo(a,h)anthracene	17.75	278	199412	53.37	ng	97
91) Benzo(g,h,i)perylene	18.23	276	221284	59.61	ng	99

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

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