

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077439.D
 Acq On : 25 Feb 2015 17:52
 Operator : IZ / TP
 Sample : G1336-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTINGSMSD

Manual Integrations
 APPROVED

apatel
 2/27/2015 10:55:55 AM

Quant Time: Feb 26 04:21:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	76226	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	299797	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	153790	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	303640	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	336627	20.00	ng	0.00
86) Perylene-d12	17.95	264	321996	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	291739	63.89	ng	0.00
7) Phenol-d6	6.84	99	379738	64.68	ng	0.00
23) Nitrobenzene-d5	7.97	82	269098	55.82	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	102651	69.32	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	620543	62.92	ng	0.00
78) Terphenyl-d14	14.88	244	772095	53.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	53322	27.52	ng	95
3) Pyridine	2.98	79	166589	30.05	ng	97
4) n-Nitrosodimethylamine	2.91	42	76642	31.80	ng	95
6) Aniline	6.88	93	121707	15.00	ng	96
8) 2-Chlorophenol	7.01	128	175231	32.53	ng	96
10) Phenol	6.85	94	205747	29.54	ng	94
11) bis(2-Chloroethyl)ether	6.98	93	147667	29.50	ng	98
12) 1,3-Dichlorobenzene	7.21	146	181878	31.01	ng	97
13) 1,4-Dichlorobenzene	7.31	146	186814	31.31	ng	98
14) 1,2-Dichlorobenzene	7.49	146	177352	31.25	ng	98
15) Benzyl Alcohol	7.46	79	134457	30.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.64	45	206202	28.82	ng	97
17) 2-Methylphenol	7.61	107	133862	31.80	ng	97
18) Hexachloroethane	7.92	117	61284	30.75	ng	91
19) n-Nitroso-di-n-propylamine	7.80	70	119763	32.12	ng	94
20) 3+4-Methylphenols	7.80	107	177437	32.00	ng	# 84
22) Acetophenone	7.79	105	221582	31.42	ng	94
24) Nitrobenzene	8.00	77	166048	32.74	ng	# 81
25) Isophorone	8.30	82	298520	31.21	ng	97
26) 2-Nitrophenol	8.40	139	80169	38.56	ng	93
27) 2,4-Dimethylphenol	8.45	122	156455	33.64	ng	97
28) bis(2-Chloroethoxy)methane	8.58	93	197006	32.60	ng	99
29) 2,4-Dichlorophenol	8.69	162	145895	33.42	ng	98
30) 1,2,4-Trichlorobenzene	8.80	180	156212	32.54	ng	98
31) Naphthalene	8.89	128	483472	32.25	ng	100
32) Benzoic acid	8.54	122	84702	37.48	ng	94
33) 4-Chloroaniline	8.96	127	105937	15.89	ng	# 87
34) Hexachlorobutadiene	9.05	225	86044	31.40	ng	99
35) Caprolactam	9.38	113	44216	33.17	ng	93
36) 4-Chloro-3-methylphenol	9.56	107	141606	32.26	ng	92
37) 2-Methylnaphthalene	9.74	142	329391	30.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	150384	34.08	ng	98
40) Hexachlorocyclopentadiene	9.94	237	166260	70.27	ng	96
42) 2,4,6-Trichlorophenol	10.10	196	110478	37.81	ng	99

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43) 2,4,5-Trichlorophenol	10.14	196	115974	37.11	ng	97
45) 1,1'-Biphenyl	10.33	154	389743	33.45	ng	96
46) 2-Chloronaphthalene	10.35	162	327260	35.81	ng	98
47) 2-Nitroaniline	10.48	65	88418	39.31	ng	89
48) Acenaphthylene	10.87	152	529371	36.59	ng	100
49) Dimethylphthalate	10.72	163	378038	34.97	ng	99
50) 2,6-Dinitrotoluene	10.79	165	81618	37.65	ng	# 58
51) Acenaphthene	11.08	154	303360	35.14	ng	99
52) 3-Nitroaniline	10.99	138	65397	26.16	ng	87
53) 2,4-Dinitrophenol	11.12	184	59182	89.71	ng	# 57
54) Dibenzofuran	11.30	168	467912	35.11	ng	95
55) 4-Nitrophenol	11.20	139	145535	72.39	ng	# 72
56) 2,4-Dinitrotoluene	11.29	165	113426	38.72	ng	94
57) Fluorene	11.72	166	374349	35.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.45	232	93495	37.22	ng	98
59) Diethylphthalate	11.60	149	371095	34.82	ng	97
60) 4-Chlorophenyl-phenylether	11.73	204	177861	34.64	ng	91
61) 4-Nitroaniline	11.75	138	92553	38.63	ng	88
62) Azobenzene	11.92	77	340124	33.64	ng	92
64) 4,6-Dinitro-2-methylphenol	11.78	198	41431	35.26	ng	# 59
65) n-Nitrosodiphenylamine	11.87	169	322012	31.96	ng	99
66) 4-Bromophenyl-phenylether	12.34	248	108143	30.41	ng	# 88
67) Hexachlorobenzene	12.40	284	123033	32.24	ng	# 78
68) Atrazine	12.55	200	106928	32.65	ng	98
69) Pentachlorophenol	12.64	266	136712	68.16	ng	96
70) Phenanthrene	12.91	178	584625	33.22	ng	99
71) Anthracene	12.97	178	559904	32.06	ng	98
72) Carbazole	13.17	167	536688	32.32	ng	99
73) Di-n-butylphthalate	13.63	149	603485	30.95	ng	98
74) Fluoranthene	14.39	202	631469	32.85	ng	99
76) Benzidine	14.56	184	228731	20.11	ng	98
77) Pyrene	14.66	202	677498	32.90	ng	99
79) Butylbenzylphthalate	15.49	149	266224	31.42	ng	94
80) Benzo(a)anthracene	16.17	228	646704	32.78	ng	99
81) 3,3'-Dichlorobenzidine	16.15	252	132546	18.34	ng	96
82) Chrysene	16.21	228	608949	32.87	ng	98
83) Bis(2-ethylhexyl)phthalate	16.23	149	368789	27.15	ng	# 96
84) Di-n-octyl phthalate	17.04	149	653782	28.83	ng	98
85) Indeno(1,2,3-cd)pyrene	19.43	276	707961m	33.52	ng	
87) Benzo(b)fluoranthene	17.49	252	675272	36.06	ng	# 96
88) Benzo(k)fluoranthene	17.53	252	564242	30.75	ng	100
89) Benzo(a)pyrene	17.89	252	608123	34.10	ng	98
90) Dibenzo(a,h)anthracene	19.46	278	574822	33.80	ng	98
91) Benzo(g,h,i)perylene	19.86	276	570215	33.22	ng	98

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

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