

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086420.D
 Acq On : 27 Apr 2016 13:19
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 4/28/2016 1:39:58 PM

Quant Time: Apr 27 14:04:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 12:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124459	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	525582	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246950	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437202	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312376	20.00	ng	0.00
86) Perylene-d12	15.36	264	235475	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1226350	170.16	ng	0.01
7) Phenol-d6	6.45	99	1477916	150.84	ng	0.01
23) Nitrobenzene-d5	7.39	82	1560123	175.84	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	379254	169.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1916820	132.46	ng	0.00
78) Terphenyl-d14	12.91	244	2092752	166.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	294047	73.78	ng	# 77
3) Pyridine	3.06	79	768967	80.97	ng	# 75
4) n-Nitrosodimethylamine	3.04	42	444897	131.24	ng	# 62
6) Aniline	6.48	93	970548	81.17	ng	98
8) 2-Chlorophenol	6.59	128	641172	72.87	ng	# 82
10) Phenol	6.46	94	779805	67.40	ng	# 61
11) bis(2-Chloroethyl)ether	6.56	93	755809	75.04	ng	93
12) 1,3-Dichlorobenzene	6.75	146	725838	77.35	ng	96
13) 1,4-Dichlorobenzene	6.83	146	731070	70.93	ng	99
14) 1,2-Dichlorobenzene	6.98	146	571499	61.02	ng	95
15) Benzyl Alcohol	6.96	79	474495	81.60	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1329650	100.71	ng	90
17) 2-Methylphenol	7.07	107	553330	76.75	ng	# 95
18) Hexachloroethane	7.32	117	273659	78.82	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	485933	82.99	ng	# 74
20) 3+4-Methylphenols	7.23	107	557046	72.89	ng	91
22) Acetophenone	7.23	105	846860	76.81	ng	# 89
24) Nitrobenzene	7.40	77	745569	78.34	ng	99
25) Isophorone	7.64	82	1451547	83.48	ng	99
26) 2-Nitrophenol	7.71	139	344762	73.32	ng	# 76
27) 2,4-Dimethylphenol	7.76	122	593123	73.66	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	818548	84.31	ng	99
29) 2,4-Dichlorophenol	7.96	162	553210	83.12	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	594771	82.27	ng	98
31) Naphthalene	8.12	128	1924248	71.87	ng	98
32) Benzoic acid	7.93	122	433108	84.14	ng	# 82
33) 4-Chloroaniline	8.17	127	748653	71.78	ng	# 91
34) Hexachlorobutadiene	8.24	225	312213	86.48	ng	98
35) Caprolactam	8.58	113	202826	84.93	ng	# 67
36) 4-Chloro-3-methylphenol	8.66	107	567150	71.70	ng	94
37) 2-Methylnaphthalene	8.81	142	1059120	68.59	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	539665	84.47	ng	99
40) Hexachlorocyclopentadiene	8.97	237	301432	96.59	ng	92
42) 2,4,6-Trichlorophenol	9.09	196	353149	84.30	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	366127	70.98	nq	# 87
45) 1,1'-Biphenyl	9.28	154	1326500	69.24	nq	96
46) 2-Chloronaphthalene	9.30	162	1059488	69.87	nq	94
47) 2-Nitroaniline	9.40	65	425636	90.14	nq	94
48) Acenaphthylene	9.71	152	1537020	62.51	nq	99
49) Dimethylphthalate	9.58	163	1271454	71.27	nq	99
50) 2,6-Dinitrotoluene	9.64	165	263828	68.46	nq	# 86
51) Acenaphthene	9.88	154	1051429	69.61	nq	98
52) 3-Nitroaniline	9.81	138	348754	72.29	nq	90
53) 2,4-Dinitrophenol	9.92	184	170994	85.35	nq	89
54) Dibenzofuran	10.05	168	1249350	64.41	nq	95
55) 4-Nitrophenol	9.97	139	237690	70.41	nq	# 71
56) 2,4-Dinitrotoluene	10.04	165	350268	68.45	nq	# 89
58) 2,3,4,6-Tetrachlorophenol	10.18	232	283343	75.16	nq	96
59) Diethylphthalate	10.28	149	1312538	76.83	nq	96
61) 4-Nitroaniline	10.43	138	337529	68.35	nq	79
62) Azobenzene	10.54	77	1391903	78.57	nq	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	206758	77.39	nq	# 53
65) n-Nitrosodiphenylamine	10.51	169	959745	71.19	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	328468	76.73	nq	96
67) Hexachlorobenzene	10.94	284	401712	87.95	nq	# 90
68) Atrazine	11.04	200	303521	72.92	nq	96
69) Pentachlorophenol	11.14	266	232190	86.57	nq	97
70) Phenanthrene	11.36	178	1602907	72.97	nq	99
71) Anthracene	11.41	178	1829690	72.69	nq	99
72) Carbazole	11.56	167	1549154	65.53	nq	98
73) Di-n-butylphthalate	11.89	149	1670579	67.17	nq	# 98
74) Fluoranthene	12.53	202	1669043	70.45	nq	99
76) Benzidine	12.66	184	714918	55.81	nq	97
77) Pyrene	12.76	202	1607775	73.80	nq	99
79) Butylbenzylphthalate	13.39	149	813219	80.13	nq	# 88
80) Benzo(a)anthracene	13.95	228	1188631	73.30	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	766817	68.56	nq	# 94
82) Chrysene	13.99	228	1230267	67.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	875420	77.03	nq	# 99
84) Di-n-octyl phthalate	14.56	149	1398195	64.09	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.73	276	1165254	71.75	nq	97
87) Benzo(b)fluoranthene	14.97	252	1003022m	77.60	nq	
88) Benzo(k)fluoranthene	15.00	252	1112551m	87.70	nq	
89) Benzo(a)pyrene	15.31	252	999052	78.35	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	963295	91.58	nq	96
91) Benzo(g,h,i)perylene	17.14	276	995778	91.71	nq	97

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

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