Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096112.D
Acq On : 22 Jun 2017 8:01
Operator : SJ/MA
Sample : I3747-03MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-R9-BASE-02MSD

Quant Time: Jun 22 10:58:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	68977	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	271736	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	118218	20.00	ng		0.00
63) Phenanthrene-d10	14.53	188	161310	20.00	ng		0.00
75) Chrysene-d12	18.27	240	147068	20.00	ng		0.00
86) Perylene-d12	19.94	264	94666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	845512	195.32	ng		0.01
7) Phenol-d6	6.88	99	805292	155.39	ng		0.00
23) Nitrobenzene-d5	8.22	82	477040	109.03	ng		0.00
41) 2,4,6-Tribromophenol	13.44	330	137098	131.07	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	887495	104.47	ng		0.00
78) Terphenyl-d14	16.92	244	553430	93.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	108962	52.91	ng		90
3) Pyridine	2.19	79	230816	47.69	ng		96
4) n-Nitrosodimethylamine	2.16	42	103860	56.45	ng		86
6) Aniline	6.80	93	184308	27.19	ng		95
8) 2-Chlorophenol	6.99	128	251781	54.70	ng		95
9) Benzaldehyde	6.62	77	71080	20.33	ng		95
10) Phenol	6.89	94	325626	60.57	ng		92
11) bis(2-Chloroethyl)ether	6.94	93	231203	54.29	ng		99
12) 1,3-Dichlorobenzene	7.19	146	250453	48.07	ng		97
13) 1,4-Dichlorobenzene	7.32	146	256658	48.58	ng		97
14) 1,2-Dichlorobenzene	7.55	146	243820	50.06	ng		97
15) Benzyl Alcohol	7.61	79	194552	54.70	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.79	45	324281	54.20	ng		98
17) 2-Methylphenol	7.85	107	230692	59.72	ng		96
18) Hexachloroethane	8.06	117	62182	35.64	ng	#	83
19) n-Nitroso-di-n-propylamine	8.04	70	174295	53.07	ng		92
20) 3+4-Methylphenols	8.12	107	296820	60.54	ng	#	56
22) Acetophenone	7.99	105	350602	55.12	ng	#	83
24) Nitrobenzene	8.25	77	243218	52.04	ng		95
25) Isophorone	8.65	82	425831	52.12	ng		98
26) 2-Nitrophenol	8.76	139	84707	34.61	ng		97
27) 2,4-Dimethylphenol	8.92	122	230531	60.69	ng		98
28) bis(2-Chloroethoxy)methane	9.03	93	286695	53.24	ng		97
29) 2,4-Dichlorophenol	9.20	162	190933	52.20	ng		99
30) 1,2,4-Trichlorobenzene	9.26	180	182424	47.93	ng		100
31) Naphthalene	9.36	128	666557	48.88	ng		99
33) 4-Chloroaniline	9.53	127	93129	17.47	ng	#	90
34) Hexachlorobutadiene	9.58	225	92482	47.02	ng		98
35) Caprolactam	10.13	113	48643	44.69	ng		93
36) 4-Chloro-3-methylphenol	10.41	107	190936	49.86	ng		90
37) 2-Methylnaphthalene	10.49	142	452084	49.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	181721	51.36	ng		98
42) 2,4,6-Trichlorophenol	11.01	196	111917	49.20	ng		98
43) 2,4,5-Trichlorophenol	11.12	196	118334	48.91	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	11.25	154	506400	51.97	ng		97
46) 2-Chloronaphthalene	11.27	162	376637	49.47	ng		96
47) 2-Nitroaniline	11.50	65	112707	50.59	ng	#	82
48) Acenaphthylene	11.92	152	571556	43.91	ng		98
49) Dimethylphthalate	11.82	163	605193	67.42	ng		98
50) 2,6-Dinitrotoluene	11.91	165	82293	42.03	ng	#	63
51) Acenaphthene	12.20	154	306005	40.70	ng		97
52) 3-Nitroaniline	12.18	138	94543	41.45	ng		89
54) Dibenzofuran	12.49	168	494174	46.70	ng		98
55) 4-Nitrophenol	12.65	139	69447	53.76	ng	#	72
56) 2,4-Dinitrotoluene	12.59	165	101738	38.47	ng	#	95
57) Fluorene	13.04	166	352043	38.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.75	232	68111	41.14	ng	#	97
59) Diethylphthalate	12.95	149	379170	43.89	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	162718	40.63	ng		89
61) 4-Nitroaniline	13.18	138	109507	51.42	ng		97
62) Azobenzene	13.32	77	361213	46.14	ng		96
65) n-Nitrosodiphenylamine	13.28	169	346872	59.84	ng		99
66) 4-Bromophenyl-phenylether	13.84	248	95547	56.99	ng		97
67) Hexachlorobenzene	13.93	284	89991	54.47	ng	#	86
68) Atrazine	14.20	200	88729	55.00	ng		96
69) Pentachlorophenol	14.31	266	29822	50.28	ng		99
70) Phenanthrene	14.57	178	478125	51.37	ng		98
71) Anthracene	14.66	178	476468	49.03	ng		98
72) Carbazole	14.97	167	492338	51.99	ng		97
73) Di-n-butylphthalate	15.56	149	606405	60.19	ng		98
74) Fluoranthene	16.36	202	583625	63.35	ng		98
76) Benzidine	16.60	184	182954	32.39	ng	#	91
77) Pyrene	16.67	202	532126	48.49	ng		98
79) Butylbenzylphthalate	17.59	149	261264	54.52	ng	#	86
80) Benzo(a)anthracene	18.26	228	428616	50.13	ng		98
81) 3,3'-Dichlorobenzidine	18.24	252	120675	39.70	ng	#	97
82) Chrysene	18.30	228	382235	44.73	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	382026	56.51	ng	#	99
84) Di-n-octyl phthalate	19.11	149	531289	47.69	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	246725	33.75	ng		98
87) Benzo(b)fluoranthene	19.53	252	291142	49.12	ng		97
88) Benzo(k)fluoranthene	19.56	252	268525	47.39	ng		95
89) Benzo(a)pyrene	19.89	252	258982	47.53	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	204895	44.33	ng		98
91) Benzo(g,h,i)perylene	21.43	276	230203	48.86	ng		96

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

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