Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094864.D
Acq On : 4 May 2017 8:20
Operator : SJ/MA
Sample : I2897-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWS-1MSD

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:32 PM

Quant Time: May 04 10:45:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	94873	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	368432	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	162049	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	260594	20.00	ng		0.00
75) Chrysene-d12	18.64	240	215819	20.00	ng		-0.01
86) Perylene-d12	20.30	264	163172	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	775571	136.29	ng		0.02
7) Phenol-d6	7.29	99	896328	131.28	ng		0.01
23) Nitrobenzene-d5	8.64	82	590132	101.00	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	194516	146.57	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1111958	98.77	ng		0.00
78) Terphenyl-d14	17.30	244	807279	82.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	98333	35.23	ng	#	81
3) Pyridine	2.98	79	175623m	27.15	ng		
4) n-Nitrosodimethylamine	2.80	42	120857	44.83	ng		87
6) Aniline	7.24	93	168906	19.60	ng		95
8) 2-Chlorophenol	7.42	128	313619	48.42	ng		97
9) Benzaldehyde	7.05	77	20524	4.92	ng		98
10) Phenol	7.31	94	329888	45.85	ng		88
11) bis(2-Chloroethyl)ether	7.37	93	281973	47.47	ng		96
12) 1,3-Dichlorobenzene	7.64	146	323205	43.99	ng		99
13) 1,4-Dichlorobenzene	7.76	146	330940	44.42	ng		97
14) 1,2-Dichlorobenzene	8.00	146	325052	46.74	ng		96
15) Benzyl Alcohol	8.02	79	249857	56.90	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	368923	43.88	ng		81
17) 2-Methylphenol	8.23	107	246866	46.57	ng		95
18) Hexachloroethane	8.51	117	102997	40.81	ng	#	87
19) n-Nitroso-di-n-propylamine	8.44	70	219185	47.47	ng		96
20) 3+4-Methylphenols	8.48	107	405202	56.26	ng	#	58
22) Acetophenone	8.40	105	439776	49.75	ng	#	85
24) Nitrobenzene	8.67	77	302778	49.44	ng		91
25) Isophorone	9.06	82	542701	52.02	ng		97
26) 2-Nitrophenol	9.17	139	171137	51.79	ng		99
27) 2,4-Dimethylphenol	9.31	122	272554	51.01	ng		98
28) bis(2-Chloroethoxy)methane	9.43	93	355877	49.31	ng		99
29) 2,4-Dichlorophenol	9.58	162	266886	52.90	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	254279	47.05	ng		98
31) Naphthalene	9.78	128	860455	46.47	ng		99
32) Benzoic acid	9.79	122	604682	159.21	ng		92
33) 4-Chloroaniline	9.95	127	125321	18.16	ng		93
34) Hexachlorobutadiene	10.00	225	130138	45.63	ng		96
35) Caprolactam	10.67	113	66059	43.61	ng		98
36) 4-Chloro-3-methylphenol	10.78	107	269471	49.96	ng		89
37) 2-Methylnaphthalene	10.91	142	600467	49.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	237414	47.64	ng		99
40) Hexachlorocyclopentadiene	11.17	237	63119	33.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	176625	53.08	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	176293	49.30	ng		93
45) 1,1'-Biphenyl	11.68	154	674989	49.47	ng		97
46) 2-Chloronaphthalene	11.69	162	529241	48.04	ng		95
47) 2-Nitroaniline	11.90	65	150424	49.89	ng	#	82
48) Acenaphthylene	12.35	152	844536	48.94	ng		98
49) Dimethylphthalate	12.22	163	669341	50.31	ng		99
50) 2,6-Dinitrotoluene	12.31	165	137486	50.66	ng		96
51) Acenaphthene	12.64	154	497092	48.23	ng		98
52) 3-Nitroaniline	12.58	138	53690	18.43	ng	#	87
53) 2,4-Dinitrophenol	12.77	184	76431	53.38	ng	#	67
54) Dibenzofuran	12.92	168	756790	53.06	ng		98
55) 4-Nitrophenol	12.97	139	165525	94.61	ng	#	67
56) 2,4-Dinitrotoluene	12.97	165	177123	50.79	ng	#	87
57) Fluorene	13.48	166	589506	47.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	130580	58.02	ng		95
59) Diethylphthalate	13.37	149	607135	47.61	ng		98
60) 4-Chlorophenyl-phenylether	13.50	204	268561	49.27	ng		89
61) 4-Nitroaniline	13.58	138	121256	45.34	ng		96
62) Azobenzene	13.76	77	546478	53.33	ng		93
64) 4,6-Dinitro-2-methylphenol	13.64	198	54791	31.36	ng	#	65
65) n-Nitrosodiphenylamine	13.71	169	508421	53.76	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	146651	53.27	ng		100
67) Hexachlorobenzene	14.37	284	138028	48.92	ng	#	84
68) Atrazine	14.63	200	115549	43.27	ng		97
69) Pentachlorophenol	14.72	266	141952	108.98	ng		99
70) Phenanthrene	15.02	178	742017	49.56	ng		99
71) Anthracene	15.10	178	774873	50.66	ng		98
72) Carbazole	15.38	167	685902	49.29	ng		98
73) Di-n-butylphthalate	15.95	149	963313	55.51	ng		99
74) Fluoranthene	16.75	202	743292	48.39	ng		99
76) Benzidine	16.98	184	51118	14.14	ng	#	94
77) Pyrene	17.05	202	746782	46.27	ng		98
79) Butylbenzylphthalate	17.97	149	367611	48.96	ng		89
80) Benzo(a)anthracene	18.63	228	626315	49.86	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	167080	38.51	ng	#	96
82) Chrysene	18.68	228	586788	48.31	ng		97
83) Bis(2-ethylhexyl)phthalate	18.71	149	515516	48.19	ng		100
84) Di-n-octyl phthalate	19.48	149	839356	47.86	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	443639	44.98	ng		99
87) Benzo(b)fluoranthene	19.90	252	552982	54.85	ng		97
88) Benzo(k)fluoranthene	19.93	252	558328	57.41	ng		96
89) Benzo(a)pyrene	20.25	252	486183	52.26	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	374135	48.69	ng		97
91) Benzo(g,h,i)perylene	21.97	276	365504	48.47	ng		98

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

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