Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094857.D
Acq On : 4 May 2017 3:30
Operator : SJ/MA
Sample : I2914-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:12 PM

Quant Time: May 04 05:33:33 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	98954	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	389712	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	180131	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	299840	20.00	ng		0.00
75) Chrysene-d12	18.64	240	192599	20.00	ng		-0.01
86) Perylene-d12	20.31	264	186683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	781950	131.75	ng		0.01
7) Phenol-d6	7.28	99	1016386	142.72	ng		0.00
23) Nitrobenzene-d5	8.63	82	586893	94.96	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	163891	111.10	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	796414	63.64	ng		0.00
78) Terphenyl-d14	17.29	244	449447	51.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	109234	37.53	ng		96
3) Pyridine	2.82	79	253688	37.60	ng		97
4) n-Nitrosodimethylamine	2.74	42	125122	44.49	ng		88
6) Aniline	7.23	93	306564	34.10	ng		95
8) 2-Chlorophenol	7.42	128	339316	50.23	ng		97
9) Benzaldehyde	7.04	77	57487	13.22	ng		97
10) Phenol	7.30	94	403200	53.73	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	297827	48.07	ng		97
12) 1,3-Dichlorobenzene	7.64	146	346436	45.21	ng		99
13) 1,4-Dichlorobenzene	7.75	146	362217	46.61	ng		96
14) 1,2-Dichlorobenzene	7.99	146	329908	45.48	ng		99
15) Benzyl Alcohol	8.01	79	266191	58.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	387523	44.20	ng		52
17) 2-Methylphenol	8.22	107	268152	48.50	ng	#	90
18) Hexachloroethane	8.51	117	115650	43.93	ng		88
19) n-Nitroso-di-n-propylamine	8.44	70	231460	48.06	ng		94
20) 3+4-Methylphenols	8.48	107	365382	48.64	ng	#	58
22) Acetophenone	8.40	105	469561	50.22	ng	#	84
24) Nitrobenzene	8.66	77	325576	50.26	ng		92
25) Isophorone	9.06	82	579415	52.51	ng		95
26) 2-Nitrophenol	9.17	139	188200	53.84	ng		95
27) 2,4-Dimethylphenol	9.30	122	288092	50.98	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	376069	49.26	ng		100
29) 2,4-Dichlorophenol	9.58	162	290068	54.36	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	283190	49.54	ng		99
31) Naphthalene	9.78	128	937256	47.85	ng		99
32) Benzoic acid	9.60	122	132316	36.97	ng		93
33) 4-Chloroaniline	9.93	127	157614	21.59	ng		93
34) Hexachlorobutadiene	10.00	225	140549	46.59	ng		98
35) Caprolactam	10.55	113	81048m	50.58	ng		
36) 4-Chloro-3-methylphenol	10.78	107	288917	50.64	ng		89
37) 2-Methylnaphthalene	10.91	142	622130	48.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	251247	45.36	ng		99
40) Hexachlorocyclopentadiene	11.17	237	114843	51.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	187411	50.67	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	194072	48.82	ng		91
45) 1,1'-Biphenyl	11.68	154	730953	48.20	ng		98
46) 2-Chloronaphthalene	11.69	162	578416	47.23	ng		95
47) 2-Nitroaniline	11.90	65	163998	48.93	ng	#	79
48) Acenaphthylene	12.35	152	923468	48.15	ng		99
49) Dimethylphthalate	12.22	163	954363	64.54	ng		100
50) 2,6-Dinitrotoluene	12.31	165	155031	51.39	ng		98
51) Acenaphthene	12.63	154	542198	47.33	ng		99
52) 3-Nitroaniline	12.58	138	90562	27.97	ng		86
53) 2,4-Dinitrophenol	12.77	184	118266	71.86	ng	#	63
54) Dibenzofuran	12.92	168	796925	50.27	ng		99
55) 4-Nitrophenol	12.95	139	195600	100.57	ng	#	76
56) 2,4-Dinitrotoluene	12.97	165	191332	49.36	ng	#	92
57) Fluorene	13.47	166	638956	46.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136411	54.52	ng	#	96
59) Diethylphthalate	13.37	149	634744	44.78	ng		98
60) 4-Chlorophenyl-phenylether	13.50	204	290954	48.02	ng		89
61) 4-Nitroaniline	13.58	138	134389	45.21	ng		98
62) Azobenzene	13.75	77	585720	51.43	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	90770	45.16	ng	#	69
65) n-Nitrosodiphenylamine	13.71	169	544537	50.04	ng		98
66) 4-Bromophenyl-phenylether	14.28	248	156818	49.50	ng		99
67) Hexachlorobenzene	14.37	284	155982	48.05	ng	#	87
68) Atrazine	14.62	200	154852	50.40	ng		95
69) Pentachlorophenol	14.71	266	144333	96.98	ng		96
70) Phenanthrene	15.02	178	835497	48.50	ng		98
71) Anthracene	15.10	178	851690	48.40	ng		98
72) Carbazole	15.38	167	691623	43.19	ng		97
73) Di-n-butylphthalate	15.95	149	898402	44.99	ng		99
74) Fluoranthene	16.75	202	740965	41.93	ng		99
76) Benzidine	16.97	184	118748	26.26	ng	#	91
77) Pyrene	17.05	202	728274	50.56	ng		99
79) Butylbenzylphthalate	17.96	149	335930	50.14	ng	#	87
80) Benzo(a)anthracene	18.63	228	552374	49.28	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	148337	38.32	ng	#	95
82) Chrysene	18.68	228	520611	48.03	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	480359	50.32	ng	#	99
84) Di-n-octyl phthalate	19.48	149	747962	47.79	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	504508	57.32	ng		99
87) Benzo(b)fluoranthene	19.90	252	530877	46.02	ng		98
88) Benzo(k)fluoranthene	19.93	252	524908	47.17	ng	#	96
89) Benzo(a)pyrene	20.25	252	511853	48.09	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	419199	47.69	ng		99
91) Benzo(g,h,i)perylene	21.97	276	406393	47.11	ng		98

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

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