Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094903.D
Acq On : 5 May 2017 7:28
Operator : SJ/MA
Sample : I2932-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
5/5/2017 5:23:50 PM

Quant Time: May 05 08:24:07 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	7.72	152	83866	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	354849	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	164641	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	290815	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	202942	20.00	ng		-0.02
86) Perylene-d12	20.30	264	180839	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	664182	132.04	ng		0.00
7) Phenol-d6	7.27	99	758976	125.75	ng		0.00
23) Nitrobenzene-d5	8.62	82	520625	92.52	ng		-0.01
41) 2,4,6-Tribromophenol	13.88	330	197529	146.50	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1049501	91.75	ng		-0.01
78) Terphenyl-d14	17.30	244	886708	96.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	77721	31.50	ng		96
3) Pyridine	2.82	79	187083	32.72	ng		95
4) n-Nitrosodimethylamine	2.74	42	94669	39.72	ng		93
6) Aniline	7.22	93	176163	23.12	ng		96
8) 2-Chlorophenol	7.42	128	259285	45.29	ng		94
9) Benzaldehyde	7.04	77	37926	10.29	ng		95
10) Phenol	7.29	94	257586	40.50	ng		88
11) bis(2-Chloroethyl)ether	7.36	93	223313	42.53	ng		97
12) 1,3-Dichlorobenzene	7.63	146	251440	38.71	ng		98
13) 1,4-Dichlorobenzene	7.75	146	252902	38.40	ng		97
14) 1,2-Dichlorobenzene	7.98	146	243393	39.59	ng		97
15) Benzyl Alcohol	8.01	79	212198	54.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	310036	41.72	ng		74
17) 2-Methylphenol	8.22	107	217701	46.46	ng		95
18) Hexachloroethane	8.51	117	82044	36.77	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	186455	45.68	ng		95
20) 3+4-Methylphenols	8.48	107	285335	44.81	ng	#	60
22) Acetophenone	8.40	105	370792	43.55	ng	#	83
24) Nitrobenzene	8.65	77	257886	43.72	ng		92
25) Isophorone	9.05	82	471339	46.91	ng		95
26) 2-Nitrophenol	9.16	139	147174	46.24	ng		99
27) 2,4-Dimethylphenol	9.30	122	235016	45.67	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	301419	43.36	ng		97
29) 2,4-Dichlorophenol	9.58	162	233910	48.14	ng		98
30) 1,2,4-Trichlorobenzene	9.67	180	211365	40.60	ng		98
31) Naphthalene	9.78	128	748088	41.95	ng		100
32) Benzoic acid	9.61	122	128921	39.20	ng		97
33) 4-Chloroaniline	9.93	127	41405	6.23	ng	#	93
34) Hexachlorobutadiene	10.00	225	103640	37.73	ng		98
35) Caprolactam	10.54	113	63514m	43.53	ng		
36) 4-Chloro-3-methylphenol	10.77	107	254916	49.07	ng		89
37) 2-Methylnaphthalene	10.90	142	498153	42.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	210093	41.49	ng		99
40) Hexachlorocyclopentadiene	11.16	237	88568	44.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	158628	46.92	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	163808	45.08	ng		94
45) 1,1'-Biphenyl	11.67	154	615551	44.41	ng		98
46) 2-Chloronaphthalene	11.68	162	478271	42.73	ng		95
47) 2-Nitroaniline	11.89	65	139402	45.50	ng	#	82
48) Acenaphthylene	12.34	152	777926	44.37	ng		98
49) Dimethylphthalate	12.21	163	610475	45.17	ng		100
50) 2,6-Dinitrotoluene	12.31	165	133665	48.47	ng		94
51) Acenaphthene	12.62	154	478110	45.66	ng		99
52) 3-Nitroaniline	12.57	138	59929	20.25	ng	#	87
53) 2,4-Dinitrophenol	12.77	184	95594	64.27	ng	#	61
54) Dibenzofuran	12.91	168	702042	48.45	ng		97
55) 4-Nitrophenol	12.95	139	165305	92.99	ng	#	70
56) 2,4-Dinitrotoluene	12.97	165	179342	50.62	ng	#	87
57) Fluorene	13.47	166	598511	47.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	129696	56.72	ng	#	92
59) Diethylphthalate	13.37	149	584127	45.09	ng		98
60) 4-Chlorophenyl-phenylether	13.49	204	257772	46.55	ng		90
61) 4-Nitroaniline	13.57	138	121336	44.66	ng		97
62) Azobenzene	13.75	77	551127	52.94	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	69364	35.58	ng	#	70
65) n-Nitrosodiphenylamine	13.70	169	512039	48.51	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	145520	47.36	ng		96
67) Hexachlorobenzene	14.36	284	145671	46.26	ng	#	87
68) Atrazine	14.62	200	146779	49.25	ng		97
69) Pentachlorophenol	14.71	266	129361	90.07	ng		97
70) Phenanthrene	15.01	178	803282	48.07	ng		99
71) Anthracene	15.09	178	840585	49.25	ng		98
72) Carbazole	15.38	167	728945	46.94	ng		97
73) Di-n-butylphthalate	15.95	149	936075	48.33	ng		99
74) Fluoranthene	16.75	202	774298	45.17	ng		98
76) Benzidine	16.97	184	241512	44.55	ng	#	91
77) Pyrene	17.05	202	740634	48.80	ng		99
79) Butylbenzylphthalate	17.96	149	360457	51.06	ng		89
80) Benzo(a)anthracene	18.62	228	566126	47.93	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	153204	37.56	ng		97
82) Chrysene	18.67	228	531860	46.57	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	510996	50.80	ng	#	98
84) Di-n-octyl phthalate	19.47	149	788459	47.81	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	479992	51.75	ng		99
87) Benzo(b)fluoranthene	19.90	252	537919	48.14	ng		99
88) Benzo(k)fluoranthene	19.92	252	488689	45.34	ng		97
89) Benzo(a)pyrene	20.25	252	494025	47.91	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	400351	47.01	ng		99
91) Benzo(g,h,i)perylene	21.96	276	370798	44.37	ng		97

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

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