Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095212.D
Acq On : 18 May 2017 7:35
Operator : SJ/MA
Sample : PB99041BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Manual Integrations APPROVED
mohammad
5/18/2017 2:30:04 PM

Quant Time: May 18 11:29:16 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	7.78	152	90053	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	331836	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	150872	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	222838	20.00	ng		0.04
75) Chrysene-d12	18.69	240	184583	20.00	ng		0.04
86) Perylene-d12	20.37	264	125273	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	764615	141.56	ng		0.08
7) Phenol-d6	7.32	99	852594	131.56	ng		0.05
23) Nitrobenzene-d5	8.68	82	523286	99.44	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	153841	124.51	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	992469	94.68	ng		0.03
78) Terphenyl-d14	17.34	244	690361	82.38	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	88659	33.47	ng		95
3) Pyridine	3.01	79	235506m	38.36	ng		
4) n-Nitrosodimethylamine	2.94	42	88973m	34.77	ng		
6) Aniline	7.28	93	246110	30.08	ng		95
8) 2-Chlorophenol	7.47	128	269382	43.82	ng		94
9) Benzaldehyde	7.11	77	77342	19.54	ng		100
10) Phenol	7.34	94	276694	40.52	ng		88
11) bis(2-Chloroethyl)ether	7.41	93	237007	42.04	ng		96
12) 1,3-Dichlorobenzene	7.68	146	292991	42.01	ng		97
13) 1,4-Dichlorobenzene	7.80	146	306325	43.31	ng		98
14) 1,2-Dichlorobenzene	8.04	146	292930	44.37	ng		96
15) Benzyl Alcohol	8.06	79	211109	50.64	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	326968	40.97	ng		69
17) 2-Methylphenol	8.27	107	224903	44.70	ng	#	88
18) Hexachloroethane	8.55	117	88087	36.77	ng	#	86
19) n-Nitroso-di-n-propylamine	8.48	70	192242	43.86	ng		93
20) 3+4-Methylphenols	8.53	107	295107	43.16	ng	#	57
22) Acetophenone	8.45	105	384231	48.26	ng	#	83
24) Nitrobenzene	8.71	77	258807	46.92	ng		92
25) Isophorone	9.11	82	471132	50.14	ng		95
26) 2-Nitrophenol	9.21	139	131211	44.08	ng		97
27) 2,4-Dimethylphenol	9.34	122	239762	49.82	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	297770	45.81	ng		100
29) 2,4-Dichlorophenol	9.63	162	211559	46.56	ng		96
30) 1,2,4-Trichlorobenzene	9.71	180	212905	43.74	ng		99
31) Naphthalene	9.82	128	711912	42.69	ng		100
32) Benzoic acid	9.65	122	84942	29.12	ng		88
33) 4-Chloroaniline	9.99	127	67165	10.81	ng		94
34) Hexachlorobutadiene	10.04	225	115168	44.84	ng		97
35) Caprolactam	10.58	113	66448m	48.70	ng		
36) 4-Chloro-3-methylphenol	10.82	107	222596	45.82	ng		90
37) 2-Methylnaphthalene	10.95	142	525313	47.99	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	203377	43.83	ng		99
40) Hexachlorocyclopentadiene	11.20	237	23451	17.17	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	130996	42.29	ng		97
43) 2,4,5-Trichlorophenol	11.55	196	129105	38.78	ng	#	92
45) 1,1'-Biphenyl	11.71	154	585557	46.10	ng		98
46) 2-Chloronaphthalene	11.73	162	453307	44.20	ng		97
47) 2-Nitroaniline	11.95	65	122111	43.50	ng	#	80
48) Acenaphthylene	12.39	152	692946	43.13	ng		99
49) Dimethylphthalate	12.26	163	532841	43.02	ng		99
50) 2,6-Dinitrotoluene	12.35	165	109705	43.42	ng		93
51) Acenaphthene	12.67	154	396227	41.29	ng		98
52) 3-Nitroaniline	12.64	138	72453	26.71	ng		84
53) 2,4-Dinitrophenol	12.87	184	12635	14.62	ng	#	68
54) Dibenzofuran	12.96	168	571378	43.03	ng		98
55) 4-Nitrophenol	13.04	139	92243m	56.63	ng		
56) 2,4-Dinitrotoluene	13.03	165	127555	39.28	ng	#	93
57) Fluorene	13.52	166	470738	40.77	ng		97
58) 2,3,4,6-Tetrachlorophenol	13.21	232	93204	44.48	ng	#	91
59) Diethylphthalate	13.41	149	499461	42.07	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	215185	42.41	ng		91
61) 4-Nitroaniline	13.63	138	81525	32.74	ng		94
62) Azobenzene	13.79	77	435749	45.68	ng		93
64) 4,6-Dinitro-2-methylphenol	13.71	198	15499	10.38	ng	#	78
65) n-Nitrosodiphenylamine	13.75	169	413862	51.17	ng		100
66) 4-Bromophenyl-phenylether	14.32	248	113232	48.10	ng		97
67) Hexachlorobenzene	14.41	284	101637	42.13	ng	#	88
68) Atrazine	14.67	200	109850	48.11	ng		96
69) Pentachlorophenol	14.77	266	75326	69.85	ng		96
70) Phenanthrene	15.06	178	585902	45.76	ng		98
71) Anthracene	15.15	178	624225	47.73	ng		98
72) Carbazole	15.42	167	530334	44.57	ng		97
73) Di-n-butylphthalate	15.99	149	649763	43.79	ng		98
74) Fluoranthene	16.80	202	540569	41.16	ng		98
76) Benzidine	17.03	184	314258	60.90	ng	#	94
77) Pyrene	17.11	202	574059	41.58	ng		99
79) Butylbenzylphthalate	18.00	149	262873	40.94	ng		88
80) Benzo(a)anthracene	18.68	228	487773	45.41	ng		98
81) 3,3'-Dichlorobenzidine	18.67	252	162598	43.82	ng	#	97
82) Chrysene	18.73	228	467999	45.05	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	370072	40.45	ng	#	97
84) Di-n-octyl phthalate	19.51	149	644235	42.95	ng		95
85) Indeno(1,2,3-cd)pyrene	21.70	276	312563	37.05	ng		98
87) Benzo(b)fluoranthene	19.96	252	380400	49.14	ng		98
88) Benzo(k)fluoranthene	19.99	252	430099	57.60	ng	#	95
89) Benzo(a)pyrene	20.31	252	351747	49.24	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	255933	43.39	ng		96
91) Benzo(g,h,i)perylene	22.08	276	235650	40.71	ng		97

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

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