Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096647.D
Acq On : 11 Jul 2017 16:33
Operator : SJ/JU
Sample : PB100554BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Manual Integrations APPROVED
mohammad
7/12/2017 4:49:49 PM

Quant Time: Jul 11 18:16:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103927	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	446899	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	194932	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	311698	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	175748	20.00	ng		-0.02
86) Perylene-d12	15.22	264	167475	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	842096	119.59	ng		0.00
7) Phenol-d6	6.33	99	951894	109.97	ng		-0.01
23) Nitrobenzene-d5	7.25	82	607711	81.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	194100	127.47	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1074186	94.22	ng		-0.02
78) Terphenyl-d14	12.78	244	791126	96.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	100310	30.044	ng	#	74
3) Pyridine	3.08	79	282711	30.861	ng	#	67
4) n-Nitrosodimethylamine	3.02	42	168675	37.304	ng		82
6) Aniline	6.35	93	302903	27.074	ng	#	1
8) 2-Chlorophenol	6.47	128	310204	41.312	ng		98
9) Benzaldehyde	6.23	77	158300	29.220	ng		98
10) Phenol	6.35	94	355886	36.088	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	301019	39.498	ng		95
12) 1,3-Dichlorobenzene	6.63	146	329143	41.806	ng		99
13) 1,4-Dichlorobenzene	6.70	146	330757	42.032	ng		97
14) 1,2-Dichlorobenzene	6.86	146	305604	42.296	ng		98
15) Benzyl Alcohol	6.83	79	252585	43.651	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	603820	38.973	ng		92
17) 2-Methylphenol	6.95	107	259001	43.282	ng		98
18) Hexachloroethane	7.20	117	119475	41.878	ng	#	82
19) n-Nitroso-di-n-propylamine	7.10	70	205326	39.816	ng	#	80
20) 3+4-Methylphenols	7.10	107	301855	45.225	ng	#	81
22) Acetophenone	7.10	105	402944	41.265	ng	#	92
24) Nitrobenzene	7.27	77	315893	40.489	ng		90
25) Isophorone	7.51	82	582043	40.364	ng		96
26) 2-Nitrophenol	7.59	139	171291	41.480	ng	#	92
27) 2,4-Dimethylphenol	7.63	122	291617	41.473	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	389673	40.937	ng		100
29) 2,4-Dichlorophenol	7.83	162	259875	42.837	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	241973	42.283	ng		97
31) Naphthalene	7.99	128	888444	42.111	ng		99
32) Benzoic acid	7.76	122	178335	30.199	ng		89
33) 4-Chloroaniline	8.04	127	176691	20.163	ng		94
34) Hexachlorobutadiene	8.12	225	120072	40.908	ng		98
35) Caprolactam	8.41	113	90705m	43.359	ng		
36) 4-Chloro-3-methylphenol	8.53	107	277708	41.370	ng		89
37) 2-Methylnaphthalene	8.68	142	609717	45.400	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	205029	40.508	ng		98
40) Hexachlorocyclopentadiene	8.84	237	203142	82.543	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	165143	41.244	ng		96
43) 2,4,5-Trichlorophenol	9.00	196	171342	43.280	ng		95
45) 1,1'-Biphenyl	9.15	154	669082	40.060	ng		98
46) 2-Chloronaphthalene	9.17	162	534691	42.957	ng		94
47) 2-Nitroaniline	9.26	65	192816	42.573	ng		92
48) Acenaphthylene	9.58	152	831833	42.176	ng		100
49) Dimethylphthalate	9.45	163	642126	44.127	ng		98
50) 2,6-Dinitrotoluene	9.50	165	143025	44.446	ng	#	81
51) Acenaphthene	9.75	154	483939	39.806	ng		99
52) 3-Nitroaniline	9.67	138	102685	25.584	ng		96
53) 2,4-Dinitrophenol	9.78	184	102766	60.127	ng	#	76
54) Dibenzofuran	9.93	168	728267	45.372	ng		98
55) 4-Nitrophenol	9.84	139	228944	68.821	ng	#	67
56) 2,4-Dinitrotoluene	9.91	165	179643	44.083	ng	#	77
57) Fluorene	10.27	166	528200	46.594	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	131236	47.913	ng	#	98
59) Diethylphthalate	10.14	149	628397	45.687	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	220420	44.689	ng		97
61) 4-Nitroaniline	10.29	138	154574	42.355	ng		91
62) Azobenzene	10.42	77	578710	43.512	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	79178	36.833	ng		79
65) n-Nitrosodiphenylamine	10.38	169	498823	45.611	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	135009	44.495	ng		97
67) Hexachlorobenzene	10.82	284	145728	43.874	ng	#	88
68) Atrazine	10.91	200	141897	45.415	ng		97
69) Pentachlorophenol	11.01	266	150705	76.555	ng		98
70) Phenanthrene	11.22	178	786299	46.666	ng		99
71) Anthracene	11.27	178	798044	46.478	ng		99
72) Carbazole	11.43	167	752182	43.560	ng		98
73) Di-n-butylphthalate	11.77	149	925628	44.256	ng		99
74) Fluoranthene	12.40	202	700943	42.430	ng		98
76) Benzidine	12.52	184	292357	34.669	ng	#	93
77) Pyrene	12.63	202	739224	52.402	ng		98
79) Butylbenzylphthalate	13.26	149	351033	49.157	ng	#	82
80) Benzo(a)anthracene	13.82	228	486151	47.768	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	127532	30.510	ng	#	96
82) Chrysene	13.85	228	484783	45.487	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	406379	50.981	ng		100
84) Di-n-octyl phthalate	14.43	149	678571	43.229	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	502104	59.684	ng		98
87) Benzo(b)fluoranthene	14.83	252	450553	42.935	ng		98
88) Benzo(k)fluoranthene	14.86	252	384669	40.979	ng		96
89) Benzo(a)pyrene	15.17	252	448694	47.892	ng		98
90) Dibenzo(a,h)anthracene	16.58	278	413317	56.077	ng		95
91) Benzo(g,h,i)perylene	16.97	276	453362	59.360	ng		97

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

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