Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094710.D
Acq On : 30 Apr 2017 13:16
Operator : SJ/MA
Sample : PB98571BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Manual Integrations APPROVED
mohammad
5/1/2017 7:50:44 PM

Quant Time: May 01 16:24:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	117235	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	476996	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	226847	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	415882	20.00	ng		0.00
75) Chrysene-d12	14.47	240	314298	20.00	ng		0.00
86) Perylene-d12	16.09	264	215848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	862696	122.09	ng		0.03
7) Phenol-d6	5.40	99	1031971	123.88	ng		0.00
23) Nitrobenzene-d5	6.42	82	636646	82.42	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	239904	135.21	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1259719	81.71	ng		0.00
78) Terphenyl-d14	13.19	244	1144456	97.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	101581	24.72	ng		98
3) Pyridine	2.69	79	290703	32.37	ng		98
4) n-Nitrosodimethylamine	2.64	42	134459	36.18	ng		84
6) Aniline	5.40	93	328797	29.70	ng	#	83
8) 2-Chlorophenol	5.54	128	332116	41.30	ng		97
9) Benzaldehyde	5.28	77	62460	9.86	ng		98
10) Phenol	5.42	94	401861	39.27	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	296832	39.70	ng		97
12) 1,3-Dichlorobenzene	5.70	146	345809	38.82	ng		98
13) 1,4-Dichlorobenzene	5.79	146	351383	39.20	ng		97
14) 1,2-Dichlorobenzene	5.97	146	325237	39.39	ng		95
15) Benzyl Alcohol	5.95	79	247824	40.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	385127	39.29	ng		66
17) 2-Methylphenol	6.09	107	266101	42.02	ng		93
18) Hexachloroethane	6.35	117	119735	38.97	ng		88
19) n-Nitroso-di-n-propylamine	6.26	70	229388	41.56	ng		94
20) 3+4-Methylphenols	6.28	107	369752	42.97	ng	#	63
22) Acetophenone	6.25	105	465144	40.11	ng	#	84
24) Nitrobenzene	6.44	77	327468	40.25	ng		94
25) Isophorone	6.73	82	599211	41.84	ng		96
26) 2-Nitrophenol	6.81	139	185516	42.45	ng		97
27) 2,4-Dimethylphenol	6.89	122	303095	42.70	ng		99
28) bis(2-Chloroethoxy)methane	6.99	93	379735	41.00	ng		100
29) 2,4-Dichlorophenol	7.12	162	294290	44.56	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	275246	40.31	ng		99
31) Naphthalene	7.29	128	928421	40.49	ng		100
32) Benzoic acid	7.04	122	46406	12.36	ng		96
33) 4-Chloroaniline	7.37	127	98336	10.31	ng	#	93
34) Hexachlorobutadiene	7.44	225	139932	41.11	ng		98
35) Caprolactam	7.84	113	100475m	48.43	ng		
36) 4-Chloro-3-methylphenol	8.00	107	310895	44.92	ng		89
37) 2-Methylnaphthalene	8.13	142	662716	42.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258951	40.09	ng		100
40) Hexachlorocyclopentadiene	8.32	237	213261	81.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	193135	42.58	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	205609	44.14	ng		95
45) 1,1'-Biphenyl	8.70	154	757358	40.86	ng		98
46) 2-Chloronaphthalene	8.72	162	606294	41.14	ng		94
47) 2-Nitroaniline	8.86	65	178243	42.04	ng		87
48) Acenaphthylene	9.22	152	961211	41.84	ng		99
49) Dimethylphthalate	9.10	163	762141	45.08	ng		99
50) 2,6-Dinitrotoluene	9.17	165	167824	44.23	ng		99
51) Acenaphthene	9.44	154	573443	41.67	ng		99
52) 3-Nitroaniline	9.37	138	92107	20.98	ng		87
53) 2,4-Dinitrophenol	9.52	184	60837	33.18	ng	#	66
54) Dibenzofuran	9.65	168	857785	42.89	ng		97
55) 4-Nitrophenol	9.64	139	224039m	72.23	ng		
56) 2,4-Dinitrotoluene	9.67	165	225613	48.46	ng		93
57) Fluorene	10.07	166	666758	42.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	148827	44.57	ng	#	94
59) Diethylphthalate	9.97	149	719788	45.12	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	287100	44.30	ng		95
61) 4-Nitroaniline	10.14	138	168672	37.79	ng		96
62) Azobenzene	10.28	77	678098	43.78	ng		93
64) 4,6-Dinitro-2-methylphenol	10.17	198	66551	24.42	ng	#	76
65) n-Nitrosodiphenylamine	10.24	169	616535	42.63	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	179804	43.54	ng		98
67) Hexachlorobenzene	10.75	284	180190	43.30	ng	#	91
68) Atrazine	10.91	200	187416	43.31	ng		97
69) Pentachlorophenol	11.01	266	119281	72.18	ng		98
70) Phenanthrene	11.25	178	974908	41.63	ng		98
71) Anthracene	11.31	178	1020387	42.12	ng		98
72) Carbazole	11.52	167	935183	41.13	ng		97
73) Di-n-butylphthalate	11.97	149	1165248	46.55	ng		99
74) Fluoranthene	12.71	202	1019926	42.02	ng		99
76) Benzidine	12.89	184	362476	28.48	ng	#	92
77) Pyrene	12.99	202	1030844	46.95	ng		99
79) Butylbenzylphthalate	13.81	149	481921	50.08	ng		89
80) Benzo(a)anthracene	14.46	228	798487	43.71	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	159285	24.63	ng	#	96
82) Chrysene	14.51	228	702568	42.08	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	656836	50.84	ng	#	98
84) Di-n-octyl phthalate	15.27	149	1036269	47.81	ng		97
85) Indeno(1,2,3-cd)pyrene	17.39	276	557982	35.13	ng		100
87) Benzo(b)fluoranthene	15.69	252	618013	46.80	ng		98
88) Benzo(k)fluoranthene	15.72	252	554191	44.35	ng		96
89) Benzo(a)pyrene	16.04	252	538997	43.88	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	466945	45.78	ng		99
91) Benzo(g,h,i)perylene	17.76	276	472832	45.53	ng		97

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

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