Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
Data File : BF092924.D
Acq On : 13 Feb 2017 18:02
Operator : SJ/MA
Sample : PB96881BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96881BSD

Manual Integrations APPROVED
mohammad
2/14/2017 11:30:18 AM

Quant Time: Feb 14 00:56:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	143582	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	561043	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	305451	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	503972	20.00	ng		0.00
75) Chrysene-d12	14.04	240	447964	20.00	ng		-0.01
86) Perylene-d12	15.48	264	428003	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1003216	119.87	ng		0.01
7) Phenol-d6	6.53	99	1433151	133.09	ng		0.00
23) Nitrobenzene-d5	7.45	82	844308	83.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	303442	137.35	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1393655	82.66	ng		0.00
78) Terphenyl-d14	12.99	244	1312876	68.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	147044	32.52	ng		88
3) Pyridine	3.29	79	375210	32.63	ng		87
4) n-Nitrosodimethylamine	3.24	42	206513	38.25	ng		83
6) Aniline	6.54	93	264033	17.98	ng	#	77
8) 2-Chlorophenol	6.67	128	360303	39.02	ng		94
9) Benzaldehyde	6.43	77	101610	13.17	ng		95
10) Phenol	6.54	94	499401	39.64	ng		81
11) bis(2-Chloroethyl)ether	6.62	93	370427	36.84	ng		96
12) 1,3-Dichlorobenzene	6.82	146	400774m	37.06	ng		
13) 1,4-Dichlorobenzene	6.90	146	403353	36.85	ng		98
14) 1,2-Dichlorobenzene	7.06	146	401119	38.33	ng		94
15) Benzyl Alcohol	7.04	79	321771	40.36	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	644915	36.91	ng		94
17) 2-Methylphenol	7.15	107	328176	41.43	ng		95
18) Hexachloroethane	7.39	117	138832	37.16	ng	#	85
19) n-Nitroso-di-n-propylamine	7.30	70	250672	36.57	ng		95
20) 3+4-Methylphenols	7.30	107	374519	39.55	ng	#	80
22) Acetophenone	7.30	105	486124	37.95	ng	#	92
24) Nitrobenzene	7.47	77	408301	39.47	ng		97
25) Isophorone	7.71	82	743996	39.63	ng		98
26) 2-Nitrophenol	7.79	139	217723	44.27	ng		88
27) 2,4-Dimethylphenol	7.82	122	330060	38.22	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	459590	36.96	ng		97
29) 2,4-Dichlorophenol	8.03	162	329982	40.97	ng		91
30) 1,2,4-Trichlorobenzene	8.11	180	331158	38.15	ng		95
31) Naphthalene	8.19	128	1038331	36.51	ng		99
32) Benzoic acid	7.95	122	145803	32.51	ng		96
33) 4-Chloroaniline	8.24	127	138961	12.46	ng		94
34) Hexachlorobutadiene	8.30	225	168677	35.32	ng		99
35) Caprolactam	8.60	113	104991	41.44	ng	#	29
36) 4-Chloro-3-methylphenol	8.73	107	338367	40.29	ng		99
37) 2-Methylnaphthalene	8.88	142	711607	38.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	334603	39.02	ng		98
40) Hexachlorocyclopentadiene	9.04	237	204783	52.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	242912	43.12	ng		93
43) 2,4,5-Trichlorophenol	9.21	196	234292	37.95	ng	#	84
45) 1,1'-Biphenyl	9.34	154	885743	40.05	ng		99
46) 2-Chloronaphthalene	9.37	162	662952	38.32	ng		96
47) 2-Nitroaniline	9.47	65	243104	41.79	ng	#	86
48) Acenaphthylene	9.78	152	1071658	35.85	ng		99
49) Dimethylphthalate	9.64	163	791222	38.46	ng		99
50) 2,6-Dinitrotoluene	9.71	165	187875	42.28	ng		94
51) Acenaphthene	9.95	154	698525	39.09	ng		97
52) 3-Nitroaniline	9.88	138	105639	20.78	ng	#	71
53) 2,4-Dinitrophenol	9.98	184	167602	74.50	ng	#	64
54) Dibenzofuran	10.12	168	947410	39.64	ng		100
55) 4-Nitrophenol	10.05	139	310569	84.80	ng	#	77
56) 2,4-Dinitrotoluene	10.11	165	215519	36.43	ng		96
57) Fluorene	10.46	166	676687	36.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	190191	46.19	ng		96
59) Diethylphthalate	10.34	149	738162	38.07	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	335309	37.96	ng	#	75
61) 4-Nitroaniline	10.49	138	190934	36.66	ng		93
62) Azobenzene	10.62	77	870545	43.46	ng		90
64) 4,6-Dinitro-2-methylphenol	10.52	198	132714	43.53	ng	#	77
65) n-Nitrosodiphenylamine	10.58	169	607734	37.75	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	192296	36.52	ng	#	89
67) Hexachlorobenzene	11.01	284	189329	36.39	ng	#	84
68) Atrazine	11.10	200	178212	34.49	ng		100
69) Pentachlorophenol	11.22	266	213574	79.56	ng		96
70) Phenanthrene	11.42	178	1059636	36.70	ng		98
71) Anthracene	11.48	178	1131482	39.02	ng		98
72) Carbazole	11.64	167	1028942	37.12	ng		98
73) Di-n-butylphthalate	11.96	149	1123279	37.47	ng		98
74) Fluoranthene	12.61	202	1017359	34.16	ng		98
76) Benzidine	12.74	184	272168	14.26	ng		97
77) Pyrene	12.84	202	1066780	31.82	ng		99
79) Butylbenzylphthalate	13.46	149	496502	36.47	ng		97
80) Benzo(a)anthracene	14.03	228	960061	35.04	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	227264	23.27	ng	#	97
82) Chrysene	14.07	228	912389	35.57	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	688476	36.98	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1246466	41.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.91	276	952733	47.95	ng	#	94
87) Benzo(b)fluoranthene	15.07	252	1006604	35.73	ng		98
88) Benzo(k)fluoranthene	15.09	252	856697m	35.22	ng		
89) Benzo(a)pyrene	15.43	252	908072	37.26	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	787415	39.98	ng		98
91) Benzo(g,h,i)perylene	17.33	276	816060	41.02	ng	#	90

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

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