Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090087.D
Acq On : 15 Sep 2016 12:54
Operator : UM/SJ
Sample : PB93381BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Manual Integrations APPROVED
sohil
9/16/2016 11:34:59 AM

Quant Time: Sep 15 18:41:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 09:41:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	144876	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	595951	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	317474	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	491994	20.00	ng		0.00
75) Chrysene-d12	13.67	240	352112	20.00	ng		0.00
86) Perylene-d12	14.99	264	282649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1138352	126.37	ng		0.01
7) Phenol-d6	6.20	99	1338929	113.53	ng		0.00
23) Nitrobenzene-d5	7.12	82	816838	77.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	316504	99.25	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1471153	72.77	ng		0.00
78) Terphenyl-d14	12.63	244	1201998	81.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	162235	34.49	ng		98
3) Pyridine	2.65	79	471603	39.61	ng		94
4) n-Nitrosodimethylamine	2.62	42	145772	38.85	ng		94
6) Aniline	6.22	93	306314	20.93	ng	#	25
8) 2-Chlorophenol	6.33	128	412493	39.75	ng		95
9) Benzaldehyde	6.09	77	42894	6.82	ng		97
10) Phenol	6.22	94	557149	42.09	ng	#	74
11) bis(2-Chloroethyl)ether	6.30	93	431615	40.66	ng		96
12) 1,3-Dichlorobenzene	6.49	146	444847	41.67	ng		97
13) 1,4-Dichlorobenzene	6.57	146	450983	40.92	ng		97
14) 1,2-Dichlorobenzene	6.72	146	419597m	41.90	ng		
15) Benzyl Alcohol	6.71	79	309096	46.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	487332	38.74	ng		96
17) 2-Methylphenol	6.83	107	375985	44.29	ng		97
18) Hexachloroethane	7.06	117	161098	40.28	ng		94
19) n-Nitroso-di-n-propylamine	6.98	70	281207	38.37	ng		98
20) 3+4-Methylphenols	6.98	107	459499	46.25	ng		86
22) Acetophenone	6.97	105	540895	37.49	ng	#	98
24) Nitrobenzene	7.14	77	470822	42.17	ng		90
25) Isophorone	7.38	82	862539	38.86	ng		97
26) 2-Nitrophenol	7.46	139	235633	43.53	ng	#	88
27) 2,4-Dimethylphenol	7.52	122	397383	41.72	ng		95
28) bis(2-Chloroethoxy)methane	7.61	93	577046	44.33	ng		99
29) 2,4-Dichlorophenol	7.70	162	350446	41.65	ng		90
30) 1,2,4-Trichlorobenzene	7.78	180	330532	39.82	ng		98
31) Naphthalene	7.86	128	1290498	44.05	ng		99
32) Benzoic acid	7.64	122	136934	18.61	ng		96
33) 4-Chloroaniline	7.92	127	136852	10.98	ng		95
34) Hexachlorobutadiene	7.99	225	175476	41.28	ng		99
35) Caprolactam	8.28	113	133648m	47.57	ng		
36) 4-Chloro-3-methylphenol	8.41	107	398716	40.82	ng		98
37) 2-Methylnaphthalene	8.55	142	738486	40.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	268462	32.89	ng		100
40) Hexachlorocyclopentadiene	8.71	237	301675	71.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	222231	37.56	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	235469	37.00	ng	#	95
45) 1,1'-Biphenyl	9.02	154	851142	32.76	ng		98
46) 2-Chloronaphthalene	9.04	162	756031	39.28	ng		95
47) 2-Nitroaniline	9.14	65	232184	37.78	ng		85
48) Acenaphthylene	9.45	152	1141485	35.31	ng		99
49) Dimethylphthalate	9.32	163	839813	35.61	ng		98
50) 2,6-Dinitrotoluene	9.38	165	184497	35.01	ng		93
51) Acenaphthene	9.61	154	701254	38.84	ng		99
52) 3-Nitroaniline	9.54	138	114280	17.82	ng		86
53) 2,4-Dinitrophenol	9.66	184	153110	53.44	ng		95
54) Dibenzofuran	9.79	168	1030428	41.27	ng		97
55) 4-Nitrophenol	9.72	139	290333	64.35	ng		85
56) 2,4-Dinitrotoluene	9.78	165	228191	35.52	ng		98
57) Fluorene	10.12	166	675852	34.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	193532	39.87	ng		100
59) Diethylphthalate	10.02	149	802941	35.17	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	293425	38.14	ng		97
61) 4-Nitroaniline	10.16	138	226913	34.96	ng		89
62) Azobenzene	10.28	77	965458	40.30	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	106642	32.47	ng		85
65) n-Nitrosodiphenylamine	10.25	169	703697	45.14	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	222925	47.00	ng		92
67) Hexachlorobenzene	10.67	284	251319	44.97	ng	#	91
68) Atrazine	10.79	200	219931	47.48	ng		97
69) Pentachlorophenol	10.87	266	251071	76.69	ng		99
70) Phenanthrene	11.07	178	980004	41.22	ng		99
71) Anthracene	11.13	178	1178077	45.38	ng		100
72) Carbazole	11.29	167	1161008	43.60	ng		99
73) Di-n-butylphthalate	11.63	149	1211667	40.57	ng		100
74) Fluoranthene	12.25	202	1073948	43.11	ng		98
76) Benzidine	12.39	184	418190	29.12	ng		96
77) Pyrene	12.47	202	1072357	41.73	ng		99
79) Butylbenzylphthalate	13.11	149	523828	40.93	ng	#	72
80) Benzo(a)anthracene	13.66	228	873700	42.51	ng		99
81) 3,3'-Dichlorobenzidine	13.62	252	131443	15.26	ng	#	97
82) Chrysene	13.69	228	850904	42.52	ng		100
83) Bis(2-ethylhexyl)phthalate	13.68	149	670372	42.35	ng		100
84) Di-n-octyl phthalate	14.29	149	1066780	37.70	ng		99
85) Indeno(1,2,3-cd)pyrene	16.17	276	735578	43.91	ng		100
87) Benzo(b)fluoranthene	14.64	252	660335m	39.85	ng		
88) Benzo(k)fluoranthene	14.66	252	670509m	44.95	ng		
89) Benzo(a)pyrene	14.94	252	653001	43.95	ng	#	94
90) Dibenzo(a,h)anthracene	16.19	278	621517	53.41	ng		99
91) Benzo(g,h,i)perylene	16.53	276	611851	55.10	ng		99

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

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