Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089974.D
Acq On : 2 Sep 2016 14:51
Operator : UM/SJ
Sample : PB93205BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Manual Integrations APPROVED
sohil
9/5/2016 6:42:25 AM

Quant Time: Sep 02 17:20:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192860	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	739347	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	373864	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	709088	20.00	ng		0.00
75) Chrysene-d12	13.76	240	483873	20.00	ng		0.00
86) Perylene-d12	15.10	264	438979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1308644	108.61	ng		0.01
7) Phenol-d6	6.28	99	1629192	111.28	ng		0.00
23) Nitrobenzene-d5	7.21	82	1133217	88.89	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	428564	116.19	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1966427	86.34	ng		0.00
78) Terphenyl-d14	12.72	244	1579597	80.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	198584	34.79	ng		99
3) Pyridine	2.80	79	564303	37.05	ng		98
4) n-Nitrosodimethylamine	2.75	42	319288	42.51	ng		98
6) Aniline	6.30	93	513591	25.71	ng	#	58
8) 2-Chlorophenol	6.42	128	536437	41.04	ng		95
9) Benzaldehyde	6.17	77	92771	9.82	ng		89
10) Phenol	6.30	94	564553	33.16	ng		94
11) bis(2-Chloroethyl)ether	6.39	93	518697	40.26	ng	#	83
12) 1,3-Dichlorobenzene	6.57	146	596158m	40.83	ng		
13) 1,4-Dichlorobenzene	6.65	146	571582	38.26	ng		99
14) 1,2-Dichlorobenzene	6.81	146	576455	43.05	ng		98
15) Benzyl Alcohol	6.79	79	393360	42.89	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1018370	41.46	ng		97
17) 2-Methylphenol	6.91	107	472672	45.28	ng		97
18) Hexachloroethane	7.15	117	212072	41.45	ng		93
19) n-Nitroso-di-n-propylamine	7.07	70	399452	41.87	ng		96
20) 3+4-Methylphenols	7.06	107	500996	39.59	ng		93
22) Acetophenone	7.05	105	642899	38.76	ng	#	94
24) Nitrobenzene	7.22	77	506717	37.39	ng		93
25) Isophorone	7.47	82	1067228	41.17	ng		99
26) 2-Nitrophenol	7.54	139	291261	44.96	ng		96
27) 2,4-Dimethylphenol	7.60	122	523978	43.72	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	713492	45.63	ng		99
29) 2,4-Dichlorophenol	7.78	162	451294	42.00	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	518519	44.14	ng		100
31) Naphthalene	7.94	128	1451285	39.40	ng		99
32) Benzoic acid	7.72	122	270868	33.55	ng		92
33) 4-Chloroaniline	8.00	127	304005	20.46	ng		95
34) Hexachlorobutadiene	8.07	225	279030	40.54	ng		99
35) Caprolactam	8.36	113	151643m	44.72	ng		
36) 4-Chloro-3-methylphenol	8.49	107	491296	43.18	ng		86
37) 2-Methylnaphthalene	8.64	142	1108072	45.53	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	379727	34.67	ng		99
40) Hexachlorocyclopentadiene	8.79	237	470630	83.81	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	332927	43.86	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	336197	46.06	ng	#	92
45) 1,1'-Biphenyl	9.10	154	1039808	34.54	ng		100
46) 2-Chloronaphthalene	9.12	162	922370	43.32	ng		99
47) 2-Nitroaniline	9.22	65	336652	48.36	ng	#	65
48) Acenaphthylene	9.53	152	1444643	41.03	ng		100
49) Dimethylphthalate	9.40	163	1119334	41.42	ng		99
50) 2,6-Dinitrotoluene	9.46	165	248104	41.28	ng		97
51) Acenaphthene	9.70	154	1004061	45.01	ng		99
52) 3-Nitroaniline	9.62	138	186307	27.18	ng		99
53) 2,4-Dinitrophenol	9.74	184	247316	65.42	ng	#	71
54) Dibenzofuran	9.87	168	1269272	42.46	ng		98
55) 4-Nitrophenol	9.80	139	436155	84.36	ng		89
56) 2,4-Dinitrotoluene	9.86	165	318939	41.85	ng		89
57) Fluorene	10.22	166	1006080	46.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	297549	47.62	ng		95
59) Diethylphthalate	10.10	149	1105856	43.50	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	467277	45.46	ng		97
61) 4-Nitroaniline	10.24	138	273841	40.66	ng		94
62) Azobenzene	10.36	77	1147021	45.17	ng		99
64) 4,6-Dinitro-2-methylphenol	10.27	198	167085	36.81	ng	#	47
65) n-Nitrosodiphenylamine	10.33	169	882371	41.39	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	306130	42.88	ng		96
67) Hexachlorobenzene	10.75	284	328802	40.32	ng		96
68) Atrazine	10.87	200	336534	47.29	ng		93
69) Pentachlorophenol	10.95	266	341716	77.90	ng		99
70) Phenanthrene	11.16	178	1458478	41.30	ng		100
71) Anthracene	11.21	178	1522684	42.52	ng		99
72) Carbazole	11.37	167	1256737	37.42	ng		100
73) Di-n-butylphthalate	11.72	149	1770035	45.22	ng	#	98
74) Fluoranthene	12.34	202	1525273	41.22	ng		98
76) Benzidine	12.47	184	538752	29.39	ng		96
77) Pyrene	12.57	202	1522217	44.62	ng		99
79) Butylbenzylphthalate	13.20	149	643722	46.79	ng		99
80) Benzo(a)anthracene	13.75	228	1238786	41.80	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	300420	28.08	ng		99
82) Chrysene	13.78	228	1112028	40.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	921580	48.43	ng		99
84) Di-n-octyl phthalate	14.38	149	1483491	48.30	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1038191	50.73	ng		100
87) Benzo(b)fluoranthene	14.74	252	1223208m	44.48	ng		
88) Benzo(k)fluoranthene	14.77	252	881238m	37.76	ng		
89) Benzo(a)pyrene	15.05	252	1039416	44.12	ng	#	98
90) Dibenzo(a,h)anthracene	16.35	278	887200	51.39	ng		97
91) Benzo(g,h,i)perylene	16.70	276	863703	49.70	ng	#	95

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

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