Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082972.D
Acq On : 17 Nov 2015 18:08
Operator : UM/IZ
Sample : PB86421BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:06 AM

Quant Time: Nov 18 04:55:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 04:42:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177059	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	677143	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	354523	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	646529	20.00	ng		0.00
75) Chrysene-d12	13.92	240	542950	20.00	ng		0.00
86) Perylene-d12	15.31	264	484031	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1399642	123.00	ng		0.01
7) Phenol-d6	6.42	99	1839760	121.61	ng		0.00
23) Nitrobenzene-d5	7.32	82	1150002	73.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	399915	98.38	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	2002292	80.95	ng		0.00
78) Terphenyl-d14	12.86	244	1756948	76.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	188620	38.42	ng		97
3) Pyridine	3.04	79	578666	40.61	ng		97
4) n-Nitrosodimethylamine	2.99	42	264091	37.37	ng	#	71
6) Aniline	6.42	93	299420	14.10	ng	#	28
8) 2-Chlorophenol	6.54	128	481781	38.19	ng		82
9) Benzaldehyde	6.29	77	417360	49.94	ng		96
10) Phenol	6.43	94	820042	47.77	ng		81
11) bis(2-Chloroethyl)ether	6.50	93	565946	44.09	ng		87
12) 1,3-Dichlorobenzene	6.69	146	517678	36.39	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	567980	38.37	ng		95
14) 1,2-Dichlorobenzene	6.93	146	510398	37.91	ng		96
15) Benzyl Alcohol	6.91	79	515611	38.81	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	833982	44.29	ng		92
17) 2-Methylphenol	7.04	107	452511	42.35	ng		97
18) Hexachloroethane	7.28	117	200795	37.93	ng	#	74
19) n-Nitroso-di-n-propylamine	7.18	70	435788	39.19	ng	#	84
20) 3+4-Methylphenols	7.18	107	556275	40.04	ng	#	63
22) Acetophenone	7.17	105	764877	39.42	ng	#	96
24) Nitrobenzene	7.34	77	661571	41.57	ng		96
25) Isophorone	7.58	82	1110470	38.57	ng		99
26) 2-Nitrophenol	7.66	139	285139	42.92	ng	#	60
27) 2,4-Dimethylphenol	7.71	122	466273	39.07	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	692888	42.66	ng		98
29) 2,4-Dichlorophenol	7.92	162	457066	42.37	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	453002	37.34	ng		98
31) Naphthalene	8.06	128	1399807	37.47	ng		99
32) Benzoic acid	7.85	122	267305	32.71	ng	#	83
33) 4-Chloroaniline	8.11	127	89777	5.58	ng		92
34) Hexachlorobutadiene	8.19	225	280782	36.98	ng		100
35) Caprolactam	8.50	113	169054m	49.71	ng		
36) 4-Chloro-3-methylphenol	8.62	107	517143	40.77	ng	#	78
37) 2-Methylnaphthalene	8.76	142	1024162m	42.38	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	415115	35.63	ng		99
40) Hexachlorocyclopentadiene	8.92	237	517631	82.70	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	340653	39.17	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	331521	38.54	ng		98
45) 1,1'-Biphenyl	9.22	154	1108851	36.45	ng		94
46) 2-Chloronaphthalene	9.24	162	873147	36.80	ng		96
47) 2-Nitroaniline	9.34	65	354974	40.33	ng	#	74
48) Acenaphthylene	9.66	152	1525803	41.03	ng		98
49) Dimethylphthalate	9.53	163	1106835	38.11	ng		100
50) 2,6-Dinitrotoluene	9.58	165	220890	35.64	ng		90
51) Acenaphthene	9.84	154	1057725	44.88	ng		99
52) 3-Nitroaniline	9.76	138	62658	9.19	ng	#	62
53) 2,4-Dinitrophenol	9.86	184	230689	67.79	ng	#	28
54) Dibenzofuran	10.01	168	1350144	42.49	ng		91
55) 4-Nitrophenol	9.94	139	324171	61.99	ng	#	80
56) 2,4-Dinitrotoluene	10.00	165	366719	43.61	ng		85
57) Fluorene	10.35	166	1085083	42.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	286184	40.77	ng	#	85
59) Diethylphthalate	10.24	149	1169631	41.24	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	436867	33.93	ng	#	85
61) 4-Nitroaniline	10.37	138	231156	33.72	ng	#	82
62) Azobenzene	10.50	77	1279963	42.02	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	178420	38.74	ng		72
65) n-Nitrosodiphenylamine	10.46	169	929020	39.78	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	321308	41.27	ng	#	85
67) Hexachlorobenzene	10.90	284	348819	40.13	ng	#	67
68) Atrazine	11.00	200	332244	46.00	ng		90
69) Pentachlorophenol	11.09	266	341856	64.76	ng		99
70) Phenanthrene	11.30	178	1506306	40.12	ng		98
71) Anthracene	11.36	178	1590611	40.22	ng		99
72) Carbazole	11.52	167	1466809	42.37	ng		97
73) Di-n-butylphthalate	11.85	149	1695875	39.32	ng		98
74) Fluoranthene	12.49	202	1557731	38.66	ng		99
76) Benzidine	12.61	184	823931	45.28	ng		99
77) Pyrene	12.72	202	1659099	44.50	ng		99
79) Butylbenzylphthalate	13.35	149	773146	46.94	ng		96
80) Benzo(a)anthracene	13.91	228	1426861	42.03	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	203588	16.87	ng	#	96
82) Chrysene	13.94	228	1220322	39.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1049798	46.56	ng	#	97
84) Di-n-octyl phthalate	14.52	149	1731382	46.04	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	1134484	42.36	ng	#	96
87) Benzo(b)fluoranthene	14.92	252	1225793m	39.45	ng		
88) Benzo(k)fluoranthene	14.96	252	1271025m	46.12	ng		
89) Benzo(a)pyrene	15.27	252	1146232	42.58	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	957805	42.02	ng		98
91) Benzo(g,h,i)perylene	17.05	276	925400	42.39	ng	#	94

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

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