Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082973.D
Acq On : 17 Nov 2015 18:38
Operator : UM/IZ
Sample : PB86421BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86421BSD

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:09 AM

Quant Time: Nov 18 04:58:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172313	20.00	ng		-0.10
21) Naphthalene-d8	8.04	136	658752	20.00	ng		-0.10
38) Acenaphthene-d10	9.80	164	341894	20.00	ng		-0.09
63) Phenanthrene-d10	11.28	188	631762	20.00	ng		-0.10
75) Chrysene-d12	13.92	240	486132	20.00	ng		-0.10
86) Perylene-d12	15.31	264	469090	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1293475	116.80	ng		-0.08
7) Phenol-d6	6.42	99	1843528	125.22	ng		-0.07
23) Nitrobenzene-d5	7.32	82	1099141	72.60	ng		-0.09
41) 2,4,6-Tribromophenol	10.59	330	405611	103.47	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	2006424	84.11	ng		-0.09
78) Terphenyl-d14	12.87	244	1756927	85.72	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	187201	39.18	ng		98
3) Pyridine	3.04	79	564943	40.74	ng		95
4) n-Nitrosodimethylamine	2.99	42	258159	37.54	ng	#	69
6) Aniline	6.42	93	276479	13.37	ng	#	9
8) 2-Chlorophenol	6.54	128	476270	38.79	ng		83
9) Benzaldehyde	6.29	77	413575	50.85	ng		95
10) Phenol	6.43	94	745128	44.60	ng		77
11) bis(2-Chloroethyl)ether	6.50	93	543984	43.54	ng		88
12) 1,3-Dichlorobenzene	6.69	146	500564	36.15	ng		92
13) 1,4-Dichlorobenzene	6.77	146	555254	38.54	ng		95
14) 1,2-Dichlorobenzene	6.93	146	479883	36.63	ng		95
15) Benzyl Alcohol	6.91	79	504598	39.03	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	820225	44.76	ng		93
17) 2-Methylphenol	7.04	107	438348	42.15	ng		98
18) Hexachloroethane	7.26	117	196723	38.18	ng		91
19) n-Nitroso-di-n-propylamine	7.18	70	424421	39.22	ng	#	83
20) 3+4-Methylphenols	7.18	107	540624	39.99	ng	#	62
22) Acetophenone	7.17	105	734826	38.93	ng		96
24) Nitrobenzene	7.34	77	652919	42.17	ng		98
25) Isophorone	7.58	82	1070862	38.23	ng		99
26) 2-Nitrophenol	7.66	139	265822	41.13	ng	#	56
27) 2,4-Dimethylphenol	7.71	122	427748	36.84	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	692742	43.84	ng		98
29) 2,4-Dichlorophenol	7.92	162	427361	40.72	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	435812	36.93	ng		97
31) Naphthalene	8.06	128	1370973	37.72	ng		99
32) Benzoic acid	7.84	122	257946	32.45	ng		94
33) 4-Chloroaniline	8.11	127	83679	5.34	ng		93
34) Hexachlorobutadiene	8.19	225	278166	37.66	ng		98
35) Caprolactam	8.50	113	165193m	49.93	ng		
36) 4-Chloro-3-methylphenol	8.61	107	488097	39.55	ng		91
37) 2-Methylnaphthalene	8.76	142	958458m	40.76	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	394995	35.16	ng		98
40) Hexachlorocyclopentadiene	8.92	237	492131	81.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	321329	38.31	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	320815	38.68	ng		98
45) 1,1'-Biphenyl	9.22	154	1057490	36.05	ng		96
46) 2-Chloronaphthalene	9.24	162	850831	37.18	ng		96
47) 2-Nitroaniline	9.34	65	367861	43.33	ng	#	75
48) Acenaphthylene	9.66	152	1436072	40.04	ng		97
49) Dimethylphthalate	9.53	163	1005520	35.90	ng		100
50) 2,6-Dinitrotoluene	9.58	165	215137	35.99	ng		95
51) Acenaphthene	9.84	154	989254	43.52	ng		98
52) 3-Nitroaniline	9.74	138	52705	8.02	ng	#	96
53) 2,4-Dinitrophenol	9.86	184	220816	67.29	ng	#	27
54) Dibenzofuran	10.01	168	1334619	43.55	ng	#	88
55) 4-Nitrophenol	9.94	139	323650	64.18	ng	#	81
56) 2,4-Dinitrotoluene	10.00	165	357502	44.09	ng	#	75
57) Fluorene	10.35	166	1035229	41.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	267693	39.54	ng	#	86
59) Diethylphthalate	10.24	149	1155110	42.23	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	453429	36.51	ng	#	88
61) 4-Nitroaniline	10.37	138	245631	37.16	ng	#	76
62) Azobenzene	10.50	77	1314033	44.73	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	163549	36.34	ng	#	48
65) n-Nitrosodiphenylamine	10.46	169	959100	42.02	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	322952	42.45	ng	#	91
67) Hexachlorobenzene	10.90	284	348940	41.08	ng	#	60
68) Atrazine	10.99	200	286508	40.60	ng		95
69) Pentachlorophenol	11.09	266	356875	69.19	ng		99
70) Phenanthrene	11.30	178	1378121	37.56	ng		99
71) Anthracene	11.36	178	1638826	42.41	ng		99
72) Carbazole	11.52	167	1398274	41.33	ng	#	95
73) Di-n-butylphthalate	11.85	149	1618672	38.40	ng		99
74) Fluoranthene	12.49	202	1615904	41.04	ng		99
76) Benzidine	12.61	184	812420	49.87	ng		99
77) Pyrene	12.72	202	1710094	51.22	ng		99
79) Butylbenzylphthalate	13.35	149	781555	52.99	ng		93
80) Benzo(a)anthracene	13.91	228	1401836	46.11	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	164529	15.22	ng	#	95
82) Chrysene	13.94	228	1344479	48.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	983492	48.72	ng	#	97
84) Di-n-octyl phthalate	14.52	149	1759783	52.26	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	1072366	44.72	ng	#	96
87) Benzo(b)fluoranthene	14.92	252	1313409m	43.62	ng		
88) Benzo(k)fluoranthene	14.95	252	951509m	35.62	ng		
89) Benzo(a)pyrene	15.25	252	1049208	40.22	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	904240	40.93	ng		98
91) Benzo(g,h,i)perylene	17.05	276	873333	41.28	ng		98

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

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