Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
Data File : BF080193.D
Acq On : 26 Jun 2015 17:02
Operator : TP/IZ
Sample : PB84223BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84223BS

Manual Integrations APPROVED
apatel
6/29/2015 11:38:16 AM

Quant Time: Jun 26 23:59:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 23:02:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30070	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	117929	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	61790	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	126564	20.00	ng		-0.02
75) Chrysene-d12	14.88	240	130913	20.00	ng		-0.15
86) Perylene-d12	16.80	264	127429	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	211562	124.54	ng		0.00
7) Phenol-d6	6.89	99	271888	120.28	ng		0.00
23) Nitrobenzene-d5	7.85	82	175616	86.69	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	73167	121.10	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	342066	78.95	ng		0.00
78) Terphenyl-d14	13.58	244	430183	76.74	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	25226	31.24	ng	#	84
3) Pyridine	3.98	79	71791	33.43	ng	#	83
4) n-Nitrosodimethylamine	3.89	42	38613	37.84	ng		95
6) Aniline	6.95	93	93489	30.06	ng		96
8) 2-Chlorophenol	7.08	128	81636	41.58	ng		92
9) Benzaldehyde	6.84	77	32639	25.01	ng	#	72
10) Phenol	6.92	94	91203	36.97	ng		88
11) bis(2-Chloroethyl)ether	7.01	93	68515	35.01	ng		94
12) 1,3-Dichlorobenzene	7.24	146	88091	37.35	ng	#	92
13) 1,4-Dichlorobenzene	7.32	146	88822	39.60	ng		97
14) 1,2-Dichlorobenzene	7.46	146	78083m	35.77	ng		
15) Benzyl Alcohol	7.42	79	69819	37.78	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.56	45	116677	40.16	ng		89
17) 2-Methylphenol	7.52	107	59314	35.37	ng	#	82
18) Hexachloroethane	7.82	117	29310	39.24	ng	#	76
19) n-Nitroso-di-n-propylamine	7.69	70	54142	34.50	ng	#	77
20) 3+4-Methylphenols	7.68	107	84144	38.88	ng		91
22) Acetophenone	7.69	105	114387	41.62	ng	#	85
24) Nitrobenzene	7.86	77	79079	37.82	ng	#	57
25) Isophorone	8.10	82	154118	37.80	ng	#	85
26) 2-Nitrophenol	8.20	139	37069	42.36	ng	#	81
27) 2,4-Dimethylphenol	8.22	122	69285	37.97	ng	#	85
28) bis(2-Chloroethoxy)methane	8.31	93	95371	39.82	ng	#	92
29) 2,4-Dichlorophenol	8.44	162	65708	42.05	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	75340	42.45	ng		98
31) Naphthalene	8.61	128	236117m	38.30	ng		
32) Benzoic acid	8.28	122	16957	15.37	ng	#	65
33) 4-Chloroaniline	8.64	127	64086m	24.29	ng		
34) Hexachlorobutadiene	8.73	225	39897	36.51	ng		98
35) Caprolactam	8.98	113	19499	38.44	ng		87
36) 4-Chloro-3-methylphenol	9.11	107	65896	37.38	ng	#	73
37) 2-Methylnaphthalene	9.30	142	167804	42.07	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	73125	40.67	ng		97
40) Hexachlorocyclopentadiene	9.46	237	60766	66.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	50297	41.11	ng		96
43) 2,4,5-Trichlorophenol	9.61	196	51385	36.45	ng	#	94
45) 1,1'-Biphenyl	9.76	154	182271	36.26	ng		93
46) 2-Chloronaphthalene	9.80	162	154843	37.96	ng		95
47) 2-Nitroaniline	9.88	65	42470	37.93	ng	#	60
48) Acenaphthylene	10.22	152	259089	38.05	ng		98
49) Dimethylphthalate	10.05	163	169548	36.50	ng	#	98
50) 2,6-Dinitrotoluene	10.12	165	37941	40.74	ng	#	56
51) Acenaphthene	10.39	154	164804	39.57	ng		90
52) 3-Nitroaniline	10.29	138	36253	33.74	ng	#	58
53) 2,4-Dinitrophenol	10.40	184	30887	81.38	ng	#	39
54) Dibenzofuran	10.56	168	227027	38.41	ng	#	90
55) 4-Nitrophenol	10.44	139	69355	80.75	ng	#	56
56) 2,4-Dinitrotoluene	10.53	165	55209	46.72	ng	#	92
57) Fluorene	10.90	166	175341	37.39	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.68	232	44506	37.40	ng	#	98
59) Diethylphthalate	10.76	149	174634	37.33	ng		97
60) 4-Chlorophenyl-phenylether	10.89	204	87418	38.79	ng	#	89
61) 4-Nitroaniline	10.90	138	44456	40.06	ng	#	55
62) Azobenzene	11.05	77	180932	38.00	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	23335	39.37	ng		96
65) n-Nitrosodiphenylamine	11.01	169	162975	39.54	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	51142	38.00	ng	#	85
67) Hexachlorobenzene	11.48	284	54838	36.67	ng	#	78
68) Atrazine	11.53	200	49103	37.71	ng		83
69) Pentachlorophenol	11.66	266	56473	66.63	ng		98
70) Phenanthrene	11.89	178	274337	35.80	ng		97
71) Anthracene	11.94	178	294116	39.86	ng		99
72) Carbazole	12.09	167	247506	35.14	ng		97
73) Di-n-butylphthalate	12.42	149	268333	32.97	ng	#	98
74) Fluoranthene	13.17	202	300774	36.86	ng		89
76) Benzidine	13.29	184	157154	42.95	ng		97
77) Pyrene	13.43	202	312099	38.72	ng		97
79) Butylbenzylphthalate	14.14	149	122069	37.71	ng		91
80) Benzo(a)anthracene	14.87	228	300007	37.62	ng		98
81) 3,3'-Dichlorobenzidine	14.81	252	68189	24.79	ng	#	95
82) Chrysene	14.92	228	276385	37.58	ng		95
83) Bis(2-ethylhexyl)phthalate	14.85	149	175084	34.23	ng	#	89
84) Di-n-octyl phthalate	15.69	149	289248	33.00	ng		97
85) Indeno(1,2,3-cd)pyrene	18.64	276	327701	35.34	ng	#	89
87) Benzo(b)fluoranthene	16.27	252	282290	36.59	ng	#	84
88) Benzo(k)fluoranthene	16.30	252	296015	37.68	ng	#	86
89) Benzo(a)pyrene	16.72	252	284067	38.77	ng	#	85
90) Dibenzo(a,h)anthracene	18.67	278	273381	36.45	ng	#	83
91) Benzo(g,h,i)perylene	19.19	276	281755	37.21	ng	#	78

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

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