Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079601.D
Acq On : 30 May 2015 14:22
Operator : TP/IZ
Sample : G2416-18MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

Manual Integrations APPROVED
apatel
6/1/2015 8:46:09 PM

Quant Time: May 31 06:46:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63800	20.00	ng		-0.02
21) Naphthalene-d8	8.51	136	267466	20.00	ng		-0.02
38) Acenaphthene-d10	10.67	164	126847	20.00	ng		-0.03
63) Phenanthrene-d10	12.51	188	230290	20.00	ng		-0.02
75) Chrysene-d12	15.79	240	230828	20.00	ng		-0.05
86) Perylene-d12	17.57	264	239451	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	576139	156.63	ng		-0.02
7) Phenol-d6	6.54	99	715080	152.52	ng		-0.02
23) Nitrobenzene-d5	7.63	82	404724	87.47	ng		-0.03
41) 2,4,6-Tribromophenol	11.66	330	211578	151.86	ng		-0.03
44) 2-Fluorobiphenyl	9.86	172	861951	96.95	ng		-0.02
78) Terphenyl-d14	14.50	244	926793	94.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	77540	44.31	ng	#	100
3) Pyridine	2.39	79	160609	41.68	ng		100
4) n-Nitrosodimethylamine	2.32	42	87763	46.26	ng		98
6) Aniline	6.52	93	156048	23.45	ng		99
8) 2-Chlorophenol	6.67	128	216155	50.48	ng		96
9) Benzaldehyde	6.39	77	23234	6.64	ng		97
10) Phenol	6.55	94	270911	49.07	ng		90
11) bis(2-Chloroethyl)ether	6.64	93	211754	53.03	ng		98
12) 1,3-Dichlorobenzene	6.86	146	227280	47.91	ng		94
13) 1,4-Dichlorobenzene	6.96	146	231354	47.81	ng		97
14) 1,2-Dichlorobenzene	7.14	146	215826	48.02	ng		96
15) Benzyl Alcohol	7.14	79	177201	51.43	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	290986	49.79	ng		94
17) 2-Methylphenol	7.30	107	167264	49.72	ng		97
18) Hexachloroethane	7.55	117	80224	48.16	ng	#	84
19) n-Nitroso-di-n-propylamine	7.47	70	156239	47.36	ng	#	87
20) 3+4-Methylphenols	7.50	107	230721	49.91	ng		96
22) Acetophenone	7.45	105	306326	51.12	ng	#	99
24) Nitrobenzene	7.66	77	208776	45.78	ng		98
25) Isophorone	7.96	82	405043	48.03	ng		99
26) 2-Nitrophenol	8.06	139	112132	51.93	ng		99
27) 2,4-Dimethylphenol	8.14	122	185389	47.77	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	264285	50.56	ng		99
29) 2,4-Dichlorophenol	8.36	162	179805	50.58	ng		100
30) 1,2,4-Trichlorobenzene	8.44	180	184034	49.90	ng		98
31) Naphthalene	8.54	128	625583	48.74	ng		100
32) Benzoic acid	8.28	122	90906	37.74	ng		97
33) 4-Chloroaniline	8.63	127	134451	25.07	ng		99
34) Hexachlorobutadiene	8.70	225	102989	49.10	ng		98
35) Caprolactam	9.06	113	54349	48.48	ng		97
36) 4-Chloro-3-methylphenol	9.26	107	183122	49.66	ng	#	78
37) 2-Methylnaphthalene	9.39	142	435644	48.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	174068	49.06	ng	#	100
40) Hexachlorocyclopentadiene	9.59	237	92042	81.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	120225	48.53	ng		98
43) 2,4,5-Trichlorophenol	9.82	196	129539	52.53	ng		97
45) 1,1'-Biphenyl	9.98	154	492685	49.73	ng		97
46) 2-Chloronaphthalene	10.00	162	391084	49.98	ng		95
47) 2-Nitroaniline	10.14	65	108589	46.67	ng	#	79
48) Acenaphthylene	10.50	152	636387	49.00	ng		99
49) Dimethylphthalate	10.38	163	537930	57.55	ng		99
50) 2,6-Dinitrotoluene	10.46	165	95567	51.18	ng		98
51) Acenaphthene	10.72	154	362220	48.77	ng		100
52) 3-Nitroaniline	10.65	138	78097	32.15	ng		87
53) 2,4-Dinitrophenol	10.80	184	68846	83.98	ng	#	88
54) Dibenzofuran	10.94	168	566432	51.71	ng		95
55) 4-Nitrophenol	10.90	139	121466m	90.18	ng		
56) 2,4-Dinitrotoluene	10.95	165	126189	50.39	ng		96
57) Fluorene	11.36	166	452177	50.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.10	232	97377	54.26	ng	#	100
59) Diethylphthalate	11.26	149	449196	49.10	ng		99
60) 4-Chlorophenyl-phenylether	11.37	204	200909	51.50	ng		89
61) 4-Nitroaniline	11.40	138	94055	41.57	ng		92
62) Azobenzene	11.56	77	425912	47.86	ng		94
64) 4,6-Dinitro-2-methylphenol	11.45	198	55628	47.81	ng		92
65) n-Nitrosodiphenylamine	11.52	169	370090	48.39	ng		99
66) 4-Bromophenyl-phenylether	11.98	248	122750	51.76	ng	#	89
67) Hexachlorobenzene	12.02	284	137986	51.03	ng	#	82
68) Atrazine	12.21	200	121531	58.82	ng		99
69) Pentachlorophenol	12.29	266	115121	111.15	ng		96
70) Phenanthrene	12.54	178	638160	50.51	ng		99
71) Anthracene	12.61	178	648695	50.57	ng		100
72) Carbazole	12.82	167	611585	49.53	ng		98
73) Di-n-butylphthalate	13.28	149	752542	54.95	ng		100
74) Fluoranthene	14.01	202	726540	53.63	ng		97
76) Benzidine	14.21	184	86903	17.58	ng		98
77) Pyrene	14.29	202	730502	51.08	ng		99
79) Butylbenzylphthalate	15.13	149	339972	52.86	ng		94
80) Benzo(a)anthracene	15.78	228	660230	49.72	ng		99
81) 3,3'-Dichlorobenzidine	15.77	252	180136	37.05	ng		99
82) Chrysene	15.83	228	630040	49.92	ng		99
83) Bis(2-ethylhexyl)phthalate	15.86	149	504174	54.72	ng	#	97
84) Di-n-octyl phthalate	16.67	149	873290	54.46	ng		100
85) Indeno(1,2,3-cd)pyrene	18.89	276	800709	49.32	ng		98
87) Benzo(b)fluoranthene	17.11	252	812706	59.51	ng		99
88) Benzo(k)fluoranthene	17.14	252	544842m	44.61	ng		
89) Benzo(a)pyrene	17.51	252	642781	54.06	ng		98
90) Dibenzo(a,h)anthracene	18.91	278	654479	52.49	ng		98
91) Benzo(g,h,i)perylene	19.27	276	663544	52.64	ng	#	94

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

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