Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080247.D
Acq On : 30 Jun 2015 20:28
Operator : TP/IZ
Sample : G2831-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

Manual Integrations APPROVED
apatel
7/1/2015 4:16:56 PM

Quant Time: Jul 01 11:15:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32640	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	139336	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	75338	20.00	ng		-0.05
63) Phenanthrene-d10	11.85	188	157544	20.00	ng		-0.06
75) Chrysene-d12	14.86	240	182767	20.00	ng		-0.14
86) Perylene-d12	16.73	264	180040	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	217360	117.88	ng		-0.03
7) Phenol-d6	6.89	99	287127	117.02	ng		-0.03
23) Nitrobenzene-d5	7.84	82	200749	83.88	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	93763	127.28	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	380828	72.09	ng		-0.05
78) Terphenyl-d14	13.57	244	592358	75.69	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	25071	28.61	ng		88
3) Pyridine	4.00	79	46052	19.76	ng	#	79
4) n-Nitrosodimethylamine	3.88	42	39448	35.61	ng		93
6) Aniline	6.94	93	71027	21.04	ng		94
8) 2-Chlorophenol	7.06	128	81847	38.41	ng		85
9) Benzaldehyde	6.84	77	49202	34.73	ng		90
10) Phenol	6.90	94	105276	39.32	ng		81
11) bis(2-Chloroethyl)ether	7.01	93	82288	38.73	ng		85
12) 1,3-Dichlorobenzene	7.22	146	93362	36.47	ng	#	91
13) 1,4-Dichlorobenzene	7.30	146	96946	39.82	ng		97
14) 1,2-Dichlorobenzene	7.45	146	86349m	36.45	ng		
15) Benzyl Alcohol	7.41	79	74024m	36.90	ng		
16) 2,2'-oxybis(1-Chloropropan	7.54	45	136229	43.20	ng		89
17) 2-Methylphenol	7.52	107	66853	36.73	ng	#	89
18) Hexachloroethane	7.81	117	31218	38.51	ng	#	78
19) n-Nitroso-di-n-propylamine	7.68	70	64704	37.98	ng	#	77
20) 3+4-Methylphenols	7.67	107	93113	39.63	ng		90
22) Acetophenone	7.68	105	121748	37.49	ng	#	82
24) Nitrobenzene	7.86	77	91551	37.06	ng	#	79
25) Isophorone	8.09	82	170990	35.50	ng	#	83
26) 2-Nitrophenol	8.18	139	42638	41.24	ng	#	81
27) 2,4-Dimethylphenol	8.21	122	83335	38.65	ng	#	85
28) bis(2-Chloroethoxy)methane	8.30	93	105999	37.46	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	80035	43.34	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	82412	39.30	ng		98
31) Naphthalene	8.60	128	264581m	36.32	ng		
32) Benzoic acid	8.28	122	39005	29.92	ng	#	80
33) 4-Chloroaniline	8.63	127	49748	15.96	ng	#	85
34) Hexachlorobutadiene	8.72	225	43390	33.60	ng		98
35) Caprolactam	8.97	113	19509	32.55	ng		99
36) 4-Chloro-3-methylphenol	9.11	107	73824	35.45	ng		95
37) 2-Methylnaphthalene	9.29	142	196234	41.64	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	83303	38.00	ng		98
40) Hexachlorocyclopentadiene	9.45	237	73297	66.14	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	60326	40.44	ng		98
43) 2,4,5-Trichlorophenol	9.60	196	60326	35.10	ng	#	91
45) 1,1'-Biphenyl	9.75	154	213245	34.79	ng		93
46) 2-Chloronaphthalene	9.78	162	185962	37.39	ng		96
47) 2-Nitroaniline	9.86	65	46906	34.36	ng	#	60
48) Acenaphthylene	10.21	152	310433	37.40	ng		97
49) Dimethylphthalate	10.05	163	215509	38.05	ng	#	96
50) 2,6-Dinitrotoluene	10.10	165	44310	39.02	ng	#	53
51) Acenaphthene	10.38	154	201018	39.58	ng		92
52) 3-Nitroaniline	10.28	138	37285	28.46	ng	#	51
53) 2,4-Dinitrophenol	10.39	184	42262	90.61	ng	#	54
54) Dibenzofuran	10.55	168	269777	37.44	ng	#	90
55) 4-Nitrophenol	10.42	139	66230	63.25	ng	#	34
56) 2,4-Dinitrotoluene	10.52	165	66348	46.05	ng	#	85
57) Fluorene	10.89	166	210220	36.77	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.66	232	52400	36.12	ng		98
59) Diethylphthalate	10.74	149	218460	38.30	ng		95
60) 4-Chlorophenyl-phenylether	10.88	204	104996	38.21	ng		91
61) 4-Nitroaniline	10.89	138	45435	33.58	ng	#	49
62) Azobenzene	11.04	77	213193	36.72	ng		87
64) 4,6-Dinitro-2-methylphenol	10.93	198	28074	38.40	ng		91
65) n-Nitrosodiphenylamine	11.00	169	192830	37.59	ng		91
66) 4-Bromophenyl-phenylether	11.38	248	63922	38.16	ng	#	82
67) Hexachlorobenzene	11.46	284	66985	35.98	ng	#	78
68) Atrazine	11.52	200	64636	39.88	ng		85
69) Pentachlorophenol	11.65	266	68769	65.18	ng		97
70) Phenanthrene	11.88	178	335076	35.13	ng		97
71) Anthracene	11.93	178	361767	39.39	ng		98
72) Carbazole	12.08	167	310532	35.42	ng		96
73) Di-n-butylphthalate	12.41	149	367226	36.25	ng	#	98
74) Fluoranthene	13.16	202	383237	37.73	ng		88
76) Benzidine	13.27	184	102917	20.15	ng	#	97
77) Pyrene	13.41	202	403551	35.86	ng		96
79) Butylbenzylphthalate	14.12	149	172998	38.28	ng	#	86
80) Benzo(a)anthracene	14.85	228	420842	37.80	ng		97
81) 3,3'-Dichlorobenzidine	14.79	252	113619	29.59	ng	#	92
82) Chrysene	14.89	228	376755	36.69	ng		96
83) Bis(2-ethylhexyl)phthalate	14.83	149	274043	38.37	ng	#	94
84) Di-n-octyl phthalate	15.64	149	442530	36.16	ng		96
85) Indeno(1,2,3-cd)pyrene	18.55	276	433044	33.45	ng	#	89
87) Benzo(b)fluoranthene	16.20	252	425754	39.06	ng	#	89
88) Benzo(k)fluoranthene	16.23	252	377047	33.97	ng	#	90
89) Benzo(a)pyrene	16.65	252	392336	37.90	ng	#	87
90) Dibenzo(a,h)anthracene	18.57	278	365923	34.53	ng	#	83
91) Benzo(g,h,i)perylene	19.10	276	362699	33.90	ng	#	78

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

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