Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
Data File : BF080191.D
Acq On : 26 Jun 2015 16:04
Operator : TP/IZ
Sample : G2809-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTHPADBOTTOM-062515MSD

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

Quant Time: Jun 26 23:52:36 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	24865	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	99556	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	50673	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	103471	20.00	ng		-0.02
75) Chrysene-d12	14.81	240	113919	20.00	ng		-0.22
86) Perylene-d12	16.68	264	110055	20.00	ng		-0.34
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	190906	135.91	ng		0.00
7) Phenol-d6	6.89	99	255931	136.92	ng		0.00
23) Nitrobenzene-d5	7.85	82	164166	96.00	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	67230	135.68	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	300639	84.61	ng		0.00
78) Terphenyl-d14	13.54	244	376364	77.16	ng		-0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	20895	31.30	ng		84
3) Pyridine	3.98	79	61773	34.79	ng	#	80
4) n-Nitrosodimethylamine	3.88	42	36209	42.91	ng		99
6) Aniline	6.95	93	120300	46.78	ng		95
8) 2-Chlorophenol	7.08	128	75509	46.51	ng		90
9) Benzaldehyde	6.84	77	39970	37.04	ng	#	72
10) Phenol	6.92	94	89561	43.91	ng		87
11) bis(2-Chloroethyl)ether	7.01	93	63736	39.38	ng		92
12) 1,3-Dichlorobenzene	7.24	146	80212	41.13	ng	#	92
13) 1,4-Dichlorobenzene	7.32	146	85236	45.95	ng		97
14) 1,2-Dichlorobenzene	7.46	146	76950m	42.63	ng		
15) Benzyl Alcohol	7.42	79	68892	45.08	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.56	45	113851	47.39	ng		89
17) 2-Methylphenol	7.52	107	58118	41.91	ng	#	82
18) Hexachloroethane	7.82	117	28908	46.81	ng	#	80
19) n-Nitroso-di-n-propylamine	7.69	70	51753	39.88	ng	#	77
20) 3+4-Methylphenols	7.68	107	81540	45.56	ng		91
22) Acetophenone	7.69	105	111174	47.92	ng	#	84
24) Nitrobenzene	7.88	77	74049	41.95	ng	#	82
25) Isophorone	8.10	82	145481	42.27	ng	#	84
26) 2-Nitrophenol	8.20	139	37523	50.79	ng	#	78
27) 2,4-Dimethylphenol	8.22	122	68183	44.26	ng		86
28) bis(2-Chloroethoxy)methane	8.31	93	91622	45.31	ng	#	92
29) 2,4-Dichlorophenol	8.44	162	65066	49.32	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	70862	47.30	ng		97
31) Naphthalene	8.61	128	225623m	43.35	ng		
32) Benzoic acid	8.26	122	10366	11.13	ng	#	63
33) 4-Chloroaniline	8.64	127	87600m	39.32	ng		
34) Hexachlorobutadiene	8.73	225	38405	41.63	ng		97
35) Caprolactam	8.97	113	17995	42.02	ng	#	78
36) 4-Chloro-3-methylphenol	9.11	107	61561	41.37	ng	#	74
37) 2-Methylnaphthalene	9.30	142	164037	48.72	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	69255	46.97	ng		99
40) Hexachlorocyclopentadiene	9.46	237	56600	75.01	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	49067	48.90	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	50538	43.72	ng	#	94
45) 1,1'-Biphenyl	9.76	154	177142	42.97	ng		93
46) 2-Chloronaphthalene	9.80	162	151449	45.27	ng		94
47) 2-Nitroaniline	9.88	65	41751	45.47	ng	#	60
48) Acenaphthylene	10.22	152	250161	44.80	ng		98
49) Dimethylphthalate	10.05	163	206290	54.15	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	35859	46.95	ng	#	60
51) Acenaphthene	10.39	154	155595	45.55	ng		91
52) 3-Nitroaniline	10.29	138	40458	45.91	ng	#	52
53) 2,4-Dinitrophenol	10.40	184	21992	71.42	ng	#	22
54) Dibenzofuran	10.56	168	222529	45.91	ng	#	90
55) 4-Nitrophenol	10.44	139	67552	95.91	ng	#	59
56) 2,4-Dinitrotoluene	10.53	165	51650	53.29	ng	#	92
57) Fluorene	10.90	166	164209	42.70	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	43810	44.89	ng	#	97
59) Diethylphthalate	10.76	149	162435	42.34	ng		97
60) 4-Chlorophenyl-phenylether	10.89	204	82920	44.87	ng		91
61) 4-Nitroaniline	10.90	138	43833	48.16	ng	#	55
62) Azobenzene	11.05	77	174846	44.78	ng		88
64) 4,6-Dinitro-2-methylphenol	10.94	198	22323	44.17	ng		95
65) n-Nitrosodiphenylamine	11.01	169	155884	46.27	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	45674	41.51	ng	#	82
67) Hexachlorobenzene	11.48	284	50919	41.64	ng	#	75
68) Atrazine	11.52	200	43101	40.49	ng		81
69) Pentachlorophenol	11.66	266	55433	80.00	ng		99
70) Phenanthrene	11.89	178	277097	44.23	ng		97
71) Anthracene	11.94	178	267847	44.41	ng		98
72) Carbazole	12.09	167	246112	42.74	ng		97
73) Di-n-butylphthalate	12.41	149	258456	38.85	ng	#	98
74) Fluoranthene	13.14	202	294260	44.11	ng		89
76) Benzidine	13.26	184	265456	83.36	ng		98
77) Pyrene	13.40	202	295059	42.07	ng		97
79) Butylbenzylphthalate	14.09	149	123009	43.67	ng		98
80) Benzo(a)anthracene	14.80	228	300770	43.34	ng		97
81) 3,3'-Dichlorobenzidine	14.75	252	103360	43.18	ng	#	95
82) Chrysene	14.85	228	272847	42.63	ng		95
83) Bis(2-ethylhexyl)phthalate	14.78	149	179229	40.26	ng	#	94
84) Di-n-octyl phthalate	15.58	149	297883	39.05	ng		97
85) Indeno(1,2,3-cd)pyrene	18.51	276	336098	41.65	ng	#	89
87) Benzo(b)fluoranthene	16.14	252	314809	47.24	ng	#	88
88) Benzo(k)fluoranthene	16.17	252	270870	39.92	ng	#	89
89) Benzo(a)pyrene	16.60	252	287478	45.43	ng	#	87
90) Dibenzo(a,h)anthracene	18.53	278	281218	43.42	ng	#	81
91) Benzo(g,h,i)perylene	19.05	276	285069	43.59	ng	#	77

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

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