Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080260.D
Acq On : 1 Jul 2015 6:26
Operator : TP/IZ
Sample : G2838-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B13MSD

Manual Integrations APPROVED
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7/1/2015 4:17:55 PM

Quant Time: Jul 01 13:16:13 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	34357	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	132179	20.00	ng		-0.05
38) Acenaphthene-d10	10.36	164	71266	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	144739	20.00	ng		-0.05
75) Chrysene-d12	15.01	240	155289	20.00	ng		0.01
86) Perylene-d12	17.02	264	157872	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	347758	179.17	ng		-0.03
7) Phenol-d6	6.89	99	432165	167.33	ng		-0.03
23) Nitrobenzene-d5	7.84	82	262853	115.77	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	113115	162.32	ng		-0.03
44) 2-Fluorobiphenyl	9.66	172	465027	93.06	ng		-0.03
78) Terphenyl-d14	13.64	244	539503	81.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	35538m	38.52	ng		
3) Pyridine	3.96	79	110436	45.01	ng	#	84
4) n-Nitrosodimethylamine	3.86	42	57652	49.45	ng		95
6) Aniline	6.94	93	141548	39.84	ng		91
8) 2-Chlorophenol	7.08	128	117388	52.33	ng		94
9) Benzaldehyde	6.84	77	57282	38.42	ng	#	87
10) Phenol	6.90	94	143114m	50.78	ng		
11) bis(2-Chloroethyl)ether	7.01	93	130364	58.30	ng		93
12) 1,3-Dichlorobenzene	7.22	146	132351	49.11	ng	#	88
13) 1,4-Dichlorobenzene	7.30	146	142808m	55.72	ng		
14) 1,2-Dichlorobenzene	7.46	146	128000	51.33	ng		99
15) Benzyl Alcohol	7.42	79	107409m	50.86	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	207190	62.42	ng		86
17) 2-Methylphenol	7.52	107	108707	56.73	ng	#	86
18) Hexachloroethane	7.81	117	47562	55.74	ng	#	85
19) n-Nitroso-di-n-propylamine	7.68	70	99946	55.74	ng	#	78
20) 3+4-Methylphenols	7.67	107	135126	54.64	ng		89
22) Acetophenone	7.68	105	166015	53.90	ng	#	74
24) Nitrobenzene	7.86	77	142159	60.66	ng	#	71
25) Isophorone	8.10	82	248825	54.45	ng	#	96
26) 2-Nitrophenol	8.18	139	68120	69.45	ng	#	67
27) 2,4-Dimethylphenol	8.21	122	122971	60.12	ng	#	82
28) bis(2-Chloroethoxy)methane	8.31	93	138114	51.45	ng	#	93
29) 2,4-Dichlorophenol	8.42	162	113688	64.90	ng		96
30) 1,2,4-Trichlorobenzene	8.52	180	120746	60.70	ng		98
31) Naphthalene	8.60	128	351977m	50.93	ng		
32) Benzoic acid	8.26	122	21499m	17.38	ng		
33) 4-Chloroaniline	8.64	127	91310	30.87	ng	#	97
34) Hexachlorobutadiene	8.72	225	69350	56.62	ng		99
35) Caprolactam	8.97	113	33324	58.61	ng	#	85
36) 4-Chloro-3-methylphenol	9.11	107	117869	59.66	ng	#	82
37) 2-Methylnaphthalene	9.29	142	256218	57.32	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	121624	58.65	ng		99
40) Hexachlorocyclopentadiene	9.45	237	87784	82.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	77730	55.09	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	85777	52.76	ng	#	92
45) 1,1'-Biphenyl	9.76	154	318906	55.00	ng		96
46) 2-Chloronaphthalene	9.78	162	231426	49.19	ng	#	93
47) 2-Nitroaniline	9.88	65	76177	58.98	ng		87
48) Acenaphthylene	10.21	152	412344	52.51	ng		97
49) Dimethylphthalate	10.05	163	371688	69.37	ng	#	98
50) 2,6-Dinitrotoluene	10.12	165	62682	58.36	ng		93
51) Acenaphthene	10.38	154	236956	49.33	ng		89
52) 3-Nitroaniline	10.29	138	56044	45.22	ng	#	82
53) 2,4-Dinitrophenol	10.39	184	33214	76.27	ng	#	1
54) Dibenzofuran	10.56	168	345693	50.71	ng		99
55) 4-Nitrophenol	10.44	139	109914	110.96	ng	#	62
56) 2,4-Dinitrotoluene	10.53	165	79920	58.63	ng	#	79
57) Fluorene	10.90	166	294863	54.52	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	71941	52.42	ng		93
59) Diethylphthalate	10.76	149	295036	54.69	ng		98
60) 4-Chlorophenyl-phenylether	10.89	204	130762	50.31	ng		90
61) 4-Nitroaniline	10.90	138	64700	50.55	ng	#	68
62) Azobenzene	11.05	77	276715	50.39	ng		94
64) 4,6-Dinitro-2-methylphenol	10.94	198	31643	44.60	ng	#	71
65) n-Nitrosodiphenylamine	11.01	169	235752	50.02	ng		94
66) 4-Bromophenyl-phenylether	11.38	248	82517	53.62	ng		92
67) Hexachlorobenzene	11.46	284	84272	49.27	ng	#	79
68) Atrazine	11.53	200	80708	54.20	ng		85
69) Pentachlorophenol	11.66	266	90548	93.42	ng		97
70) Phenanthrene	11.90	178	450375	51.40	ng		97
71) Anthracene	11.94	178	440567	52.22	ng		98
72) Carbazole	12.10	167	408292	50.68	ng		96
73) Di-n-butylphthalate	12.45	149	490969	52.75	ng	#	99
74) Fluoranthene	13.20	202	528415	56.62	ng		96
76) Benzidine	13.34	184	309180	71.23	ng		97
77) Pyrene	13.48	202	550649	57.59	ng		96
79) Butylbenzylphthalate	14.23	149	214409	55.84	ng		95
80) Benzo(a)anthracene	15.00	228	514146	54.35	ng		96
81) 3,3'-Dichlorobenzidine	14.94	252	158652	48.62	ng	#	94
82) Chrysene	15.04	228	478115m	54.81	ng		
83) Bis(2-ethylhexyl)phthalate	14.99	149	305448	50.34	ng	#	92
84) Di-n-octyl phthalate	15.88	149	541960	52.12	ng		95
85) Indeno(1,2,3-cd)pyrene	18.88	276	559664	50.87	ng	#	90
87) Benzo(b)fluoranthene	16.47	252	562245	58.82	ng	#	89
88) Benzo(k)fluoranthene	16.51	252	451380	46.37	ng	#	90
89) Benzo(a)pyrene	16.94	252	500947	55.19	ng	#	87
90) Dibenzo(a,h)anthracene	18.91	278	463851	49.92	ng	#	83
91) Benzo(g,h,i)perylene	19.44	276	474078	50.54	ng	#	78

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

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