Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081811.D
Acq On : 25 Sep 2015 19:25
Operator : UM/IZ
Sample : G3753-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSD

Manual Integrations APPROVED

Quant Time: Sep 26 05:53:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.95	152	150093	20.00	ng		0.00	
21) Naphthalene-d8	8.24	136	569838	20.00	ng		0.00	
38) Acenaphthene-d10	9.99	164	266117	20.00	ng		-0.01	
63) Phenanthrene-d10	11.47	188	477593	20.00	ng		0.00	
75) Chrysene-d12	14.13	240	314014	20.00	ng		0.01	
86) Perylene-d12	15.59	264	348733	20.00	ng		0.01	MMDadoda
System Monitoring Compounds								
5) 2-Fluorophenol	5.55	112	1041648	117.41	ng		0.01	
7) Phenol-d6	6.57	99	1378026	122.80	ng		0.00	
23) Nitrobenzene-d5	7.52	82	889061	102.94	ng		0.00	9/28/2015 1:19:18 PM
41) 2,4,6-Tribromophenol	10.79	330	378371	163.77	ng		0.00	
44) 2-Fluorobiphenyl	9.31	172	1471711	90.78	ng		0.00	
78) Terphenyl-d14	13.06	244	1140176	82.94	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.65	88	129686	29.53	ng		90	
3) Pyridine	3.43	79	57214	4.62	ng		91	
4) n-Nitrosodimethylamine	3.36	42	200921	34.37	ng		99	
6) Aniline	6.62	93	212606	12.66	ng		95	
8) 2-Chlorophenol	6.73	128	399520	40.87	ng		90	
9) Benzaldehyde	6.49	77	142917	21.54	ng	#	77	
10) Phenol	6.59	94	437516	33.57	ng		89	
11) bis(2-Chloroethyl)ether	6.69	93	378426	39.59	ng		99	
12) 1,3-Dichlorobenzene	6.89	146	462436	39.97	ng	#	96	
13) 1,4-Dichlorobenzene	6.96	146	440624m	37.65	ng			
14) 1,2-Dichlorobenzene	7.12	146	447029	41.05	ng		96	
15) Benzyl Alcohol	7.09	79	331247	37.43	ng	#	77	
16) 2,2'-oxybis(1-Chloropropan	7.22	45	617065	37.74	ng		89	
17) 2-Methylphenol	7.20	107	348543	42.21	ng	#	87	
18) Hexachloroethane	7.46	117	162505	42.63	ng	#	77	
19) n-Nitroso-di-n-propylamine	7.37	70	293653	39.25	ng	#	76	
20) 3+4-Methylphenols	7.35	107	387979	37.40	ng	#	76	
22) Acetophenone	7.36	105	497590	39.81	ng	#	80	
24) Nitrobenzene	7.53	77	388141	40.28	ng	#	66	
25) Isophorone	7.77	82	783553	40.95	ng	#	88	
26) 2-Nitrophenol	7.85	139	232796	66.51	ng	#	75	
27) 2,4-Dimethylphenol	7.89	122	390877	45.05	ng	#	81	
28) bis(2-Chloroethoxy)methane	7.99	93	531373	47.54	ng	#	95	
29) 2,4-Dichlorophenol	8.09	162	394118	48.79	ng		99	
30) 1,2,4-Trichlorobenzene	8.17	180	373946	41.24	ng		96	
31) Naphthalene	8.26	128	1165072	44.32	ng		97	
32) Benzoic acid	7.98	122	126114	74.65	ng	#	67	
33) 4-Chloroaniline	8.31	127	171014	14.82	ng	#	97	
34) Hexachlorobutadiene	8.38	225	236946	44.31	ng		100	
35) Caprolactam	8.69	113	94457m	43.77	ng			
36) 4-Chloro-3-methylphenol	8.78	107	364354	45.01	ng	#	79	
37) 2-Methylnaphthalene	8.95	142	781827	41.73	ng	#	90	
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	364391	42.90	ng		98	
40) Hexachlorocyclopentadiene	9.10	237	318364	87.46	ng		96	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	264736	47.31	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	271572	49.32	ng	#	91
45) 1,1'-Biphenyl	9.42	154	1008540	48.47	ng		95
46) 2-Chloronaphthalene	9.44	162	744714	44.49	ng		94
47) 2-Nitroaniline	9.53	65	210185	47.21	ng	#	71
48) Acenaphthylene	9.85	152	1071101	37.81	ng		95
49) Dimethylphthalate	9.71	163	1130830	55.84	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	210307	53.81	ng	#	88
51) Acenaphthene	10.02	154	722681	44.27	ng		88
52) 3-Nitroaniline	9.94	138	141431	33.36	ng	#	64
53) 2,4-Dinitrophenol	10.05	184	118903	111.91	ng	#	42
54) Dibenzofuran	10.19	168	1002756	41.88	ng	#	85
55) 4-Nitrophenol	10.10	139	322266	110.23	ng	#	57
56) 2,4-Dinitrotoluene	10.18	165	280007	59.84	ng	#	93
57) Fluorene	10.54	166	717203	39.03	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.31	232	210696	50.13	ng		97
59) Diethylphthalate	10.41	149	839514	42.80	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	382203	45.31	ng		94
61) 4-Nitroaniline	10.56	138	158702	38.54	ng	#	51
62) Azobenzene	10.70	77	883717	44.07	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	99665	70.39	ng		96
65) n-Nitrosodiphenylamine	10.65	169	667937	41.47	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	244590	46.00	ng	#	82
67) Hexachlorobenzene	11.09	284	264258	47.63	ng	#	85
68) Atrazine	11.18	200	207344	43.06	ng		84
69) Pentachlorophenol	11.28	266	292630	94.32	ng		100
70) Phenanthrene	11.51	178	1498501m	54.88	ng		
71) Anthracene	11.55	178	1074296	40.83	ng		96
72) Carbazole	11.71	167	1048768	42.94	ng		96
73) Di-n-butylphthalate	12.04	149	1259813	42.37	ng	#	97
74) Fluoranthene	12.70	202	1439607	52.32	ng		86
77) Pyrene	12.93	202	1353155m	57.16	ng		
79) Butylbenzylphthalate	13.54	149	493659	52.32	ng	#	89
80) Benzo(a)anthracene	14.12	228	971825	51.04	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	72443	11.98	ng	#	96
82) Chrysene	14.15	228	955354m	52.32	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	631005	55.16	ng	#	91
84) Di-n-octyl phthalate	14.71	149	1091825	64.90	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	944300	56.48	ng	#	86
87) Benzo(b)fluoranthene	15.17	252	1072123m	51.84	ng		
88) Benzo(k)fluoranthene	15.19	252	813675m	40.85	ng		
89) Benzo(a)pyrene	15.53	252	894339m	47.90	ng		
90) Dibenzo(a,h)anthracene	17.09	278	734520	37.75	ng	#	81
91) Benzo(g,h,i)perylene	17.52	276	768765	38.32	ng	#	77

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

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