Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082015.D
Acq On : 3 Oct 2015 10:30
Operator : UM/IZ
Sample : G3897-02MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2D(3.5-4)MS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:06 PM

Quant Time: Oct 05 16:26:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	95485	20.00	ng		-0.05
21) Naphthalene-d8	8.18	136	370019	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	192387	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	397082	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	370143	20.00	ng		-0.03
86) Perylene-d12	15.53	264	299795	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	726402	138.10	ng		-0.03
7) Phenol-d6	6.53	99	1035390	156.43	ng		-0.03
23) Nitrobenzene-d5	7.46	82	603732	108.76	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	274919	141.10	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1019556	89.62	ng		-0.05
78) Terphenyl-d14	13.02	244	1153730	109.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	100605	43.98	ng		87
3) Pyridine	3.26	79	209957	35.26	ng	#	83
4) n-Nitrosodimethylamine	3.22	42	96902	35.82	ng		93
6) Aniline	6.55	93	259193	29.15	ng	#	85
8) 2-Chlorophenol	6.67	128	259540	44.68	ng		99
9) Benzaldehyde	6.43	77	18701	4.31	ng	#	80
10) Phenol	6.54	94	326336	43.95	ng		79
11) bis(2-Chloroethyl)ether	6.63	93	269622	46.83	ng		94
12) 1,3-Dichlorobenzene	6.82	146	274711	40.04	ng	#	91
13) 1,4-Dichlorobenzene	6.90	146	280656	39.17	ng	#	91
14) 1,2-Dichlorobenzene	7.06	146	277084	43.40	ng		97
15) Benzyl Alcohol	7.03	79	181809	38.05	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.17	45	336061	41.29	ng		79
17) 2-Methylphenol	7.14	107	204600	43.45	ng	#	84
18) Hexachloroethane	7.41	117	130370	58.13	ng	#	62
19) n-Nitroso-di-n-propylamine	7.30	70	175834	43.71	ng	#	77
20) 3+4-Methylphenols	7.30	107	252341	42.42	ng	#	47
22) Acetophenone	7.30	105	409438	54.12	ng	#	79
24) Nitrobenzene	7.47	77	239798	39.79	ng	#	66
25) Isophorone	7.71	82	523969	47.63	ng	#	89
26) 2-Nitrophenol	7.79	139	137886	47.66	ng	#	65
27) 2,4-Dimethylphenol	7.83	122	224215	44.05	ng	#	78
28) bis(2-Chloroethoxy)methane	7.93	93	299097	45.78	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	241174	48.87	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	228156	41.41	ng		97
31) Naphthalene	8.21	128	720070m	43.92	ng		
32) Benzoic acid	7.97	122	154578	50.35	ng	#	72
33) 4-Chloroaniline	8.25	127	117982	16.64	ng	#	86
34) Hexachlorobutadiene	8.32	225	140381	43.08	ng		99
35) Caprolactam	8.61	113	127028m	92.97	ng		
36) 4-Chloro-3-methylphenol	8.73	107	212592	44.05	ng	#	79
37) 2-Methylnaphthalene	8.89	142	732045	65.41	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	295142	49.97	ng		99
40) Hexachlorocyclopentadiene	9.04	237	290152	95.40	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	162586	40.15	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	164645	39.54	ng	#	94
45) 1,1'-Biphenyl	9.36	154	686360	46.24	ng		94
46) 2-Chloronaphthalene	9.38	162	452870	38.86	ng	#	92
47) 2-Nitroaniline	9.49	65	141985	41.50	ng	#	77
48) Acenaphthylene	9.81	152	780670	41.85	ng		96
49) Dimethylphthalate	9.67	163	739481	55.69	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	114873	39.84	ng	#	52
51) Acenaphthene	9.98	154	455848m	41.15	ng		
52) 3-Nitroaniline	9.90	138	84089	25.21	ng	#	71
53) 2,4-Dinitrophenol	10.01	184	112878	80.21	ng	#	79
54) Dibenzofuran	10.15	168	701626	44.82	ng	#	89
55) 4-Nitrophenol	10.07	139	228985	95.01	ng	#	81
56) 2,4-Dinitrotoluene	10.14	165	184353	50.16	ng	#	96
57) Fluorene	10.49	166	588602	52.95	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.26	232	153775m	46.56	ng		
59) Diethylphthalate	10.37	149	533351	43.00	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	256978	44.84	ng	#	85
61) 4-Nitroaniline	10.53	138	132449	39.60	ng	#	63
62) Azobenzene	10.64	77	560018	46.26	ng		91
64) 4,6-Dinitro-2-methylphenol	10.54	198	75297	42.88	ng		92
65) n-Nitrosodiphenylamine	10.61	169	520755	43.35	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	173923	43.44	ng		96
67) Hexachlorobenzene	11.03	284	171687	38.00	ng	#	78
68) Atrazine	11.13	200	178966	48.01	ng		84
69) Pentachlorophenol	11.23	266	235014	91.28	ng		99
70) Phenanthrene	11.45	178	814634	42.54	ng		96
71) Anthracene	11.51	178	919813	45.57	ng		98
72) Carbazole	11.66	167	799977	43.80	ng		95
73) Di-n-butylphthalate	11.99	149	888664	47.85	ng	#	97
74) Fluoranthene	12.64	202	888579	41.77	ng		90
76) Benzidine	12.78	184	364672	32.70	ng		98
77) Pyrene	12.87	202	895426	40.49	ng		96
79) Butylbenzylphthalate	13.50	149	418773	50.33	ng		98
80) Benzo(a)anthracene	14.07	228	806493	40.46	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	255252	37.92	ng	#	94
82) Chrysene	14.10	228	846024m	54.84	ng		
83) Bis(2-ethylhexyl)phthalate	14.06	149	556760	53.34	ng	#	94
84) Di-n-octyl phthalate	14.68	149	960958	56.57	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.98	276	669966	42.97	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	871921m	50.94	ng		
88) Benzo(k)fluoranthene	15.14	252	613612m	39.11	ng		
89) Benzo(a)pyrene	15.48	252	684692	46.12	ng	#	87
90) Dibenzo(a,h)anthracene	17.01	278	557630	44.76	ng	#	82
91) Benzo(g,h,i)perylene	17.43	276	540723	42.36	ng	#	77

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

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