Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079303.D
Acq On : 16 May 2015 9:37
Operator : TP/IZ
Sample : G2215-15MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-36SMSD

Manual Integrations APPROVED
apatel
5/18/2015 3:42:30 PM

Quant Time: May 18 01:38:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 00:56:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	63897	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	265925	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	122334	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	223335	20.00	ng		0.00
75) Chrysene-d12	16.06	240	225016	20.00	ng		0.00
86) Perylene-d12	17.81	264	235719	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	387381m	104.36	ng		0.01
7) Phenol-d6	6.75	99	518030	105.58	ng		0.01
23) Nitrobenzene-d5	7.87	82	286848	61.99	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	134043	101.28	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	551781	62.84	ng		0.00
78) Terphenyl-d14	14.77	244	594323	63.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	39854m	24.69	ng		
3) Pyridine	2.80	79	120653m	25.54	ng		
4) n-Nitrosodimethylamine	2.72	42	63893m	31.57	ng		
6) Aniline	6.76	93	108046	15.60	ng	#	1
8) 2-Chlorophenol	6.91	128	139093	33.04	ng		87
9) Benzaldehyde	6.63	77	42158	12.75	ng		98
10) Phenol	6.76	94	184824	32.47	ng		72
11) bis(2-Chloroethyl)ether	6.87	93	126306	30.27	ng		86
12) 1,3-Dichlorobenzene	7.11	146	145346	30.71	ng		99
13) 1,4-Dichlorobenzene	7.20	146	151796	31.17	ng		98
14) 1,2-Dichlorobenzene	7.38	146	143886	31.74	ng		99
15) Benzyl Alcohol	7.37	79	109836	30.16	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.54	45	194901	30.53	ng		97
17) 2-Methylphenol	7.52	107	109768	32.40	ng		98
18) Hexachloroethane	7.79	117	49493	29.51	ng	#	83
19) n-Nitroso-di-n-propylamine	7.70	70	102485	30.92	ng		93
20) 3+4-Methylphenols	7.70	107	149083	33.02	ng	#	50
22) Acetophenone	7.69	105	202464	33.70	ng	#	86
24) Nitrobenzene	7.90	77	148708	32.42	ng	#	88
25) Isophorone	8.19	82	259440	30.24	ng	#	92
26) 2-Nitrophenol	8.28	139	61781	32.55	ng	#	79
27) 2,4-Dimethylphenol	8.35	122	121987	32.11	ng		94
28) bis(2-Chloroethoxy)methane	8.48	93	173738	32.85	ng		99
29) 2,4-Dichlorophenol	8.59	162	113910	33.72	ng		87
30) 1,2,4-Trichlorobenzene	8.68	180	116336	31.35	ng		98
31) Naphthalene	8.78	128	389146	30.71	ng		100
32) Benzoic acid	8.44	122	18523	13.07	ng		97
33) 4-Chloroaniline	8.86	127	91530	17.07	ng		95
34) Hexachlorobutadiene	8.94	225	67915	31.78	ng		98
35) Caprolactam	9.28	113	33310	30.50	ng		97
36) 4-Chloro-3-methylphenol	9.47	107	118874	33.51	ng		99
37) 2-Methylnaphthalene	9.64	142	279331	31.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	112100	32.54	ng		98
40) Hexachlorocyclopentadiene	9.83	237	32607	18.82	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	75247	31.77	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	79112	33.04	ng		96
45) 1,1'-Biphenyl	10.23	154	321062	33.01	ng		100
46) 2-Chloronaphthalene	10.24	162	238992	31.50	ng		99
47) 2-Nitroaniline	10.38	65	77089	35.07	ng	#	76
48) Acenaphthylene	10.75	152	402432	32.31	ng		99
49) Dimethylphthalate	10.62	163	335147	37.33	ng		98
50) 2,6-Dinitrotoluene	10.68	165	56046	31.63	ng	#	55
51) Acenaphthene	10.97	154	231595	31.18	ng		98
52) 3-Nitroaniline	10.89	138	60097	27.15	ng	#	78
53) 2,4-Dinitrophenol	11.03	184	6671	18.72	ng	#	65
54) Dibenzofuran	11.19	168	361019	33.65	ng		96
55) 4-Nitrophenol	11.11	139	99127	56.58	ng		88
56) 2,4-Dinitrotoluene	11.19	165	76523	32.67	ng		93
57) Fluorene	11.61	166	289615	32.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	61607	31.48	ng		98
59) Diethylphthalate	11.48	149	279693	31.44	ng		98
60) 4-Chlorophenyl-phenylether	11.62	204	126817	32.46	ng		90
61) 4-Nitroaniline	11.64	138	61194	27.64	ng		88
62) Azobenzene	11.82	77	283824	32.38	ng		94
64) 4,6-Dinitro-2-methylphenol	11.69	198	9532	14.60	ng		84
65) n-Nitrosodiphenylamine	11.77	169	244301	32.85	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	77849	33.44	ng	#	81
67) Hexachlorobenzene	12.28	284	87337	32.82	ng	#	75
68) Atrazine	12.44	200	77455	35.81	ng		93
69) Pentachlorophenol	12.54	266	85416	57.02	ng		100
70) Phenanthrene	12.80	178	436935	34.97	ng		99
71) Anthracene	12.87	178	409697	33.42	ng		99
72) Carbazole	13.07	167	397792	34.05	ng		98
73) Di-n-butylphthalate	13.52	149	474207	33.85	ng		98
74) Fluoranthene	14.27	202	470745	36.16	ng		97
76) Benzidine	14.46	184	316677	52.22	ng		98
77) Pyrene	14.56	202	497320	38.35	ng		98
79) Butylbenzylphthalate	15.38	149	209938	37.04	ng		97
80) Benzo(a)anthracene	16.05	228	425667	34.54	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	154476	35.20	ng	#	98
82) Chrysene	16.09	228	401116	33.85	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	319476	37.21	ng	#	98
84) Di-n-octyl phthalate	16.90	149	541225	35.80	ng		97
85) Indeno(1,2,3-cd)pyrene	19.21	276	486566	32.22	ng		99
87) Benzo(b)fluoranthene	17.36	252	436545	33.84	ng	#	96
88) Benzo(k)fluoranthene	17.39	252	427000m	34.19	ng		
89) Benzo(a)pyrene	17.75	252	423732	35.67	ng	#	96
90) Dibenzo(a,h)anthracene	19.23	278	393846	31.19	ng		98
91) Benzo(g,h,i)perylene	19.62	276	397183	31.39	ng	#	95

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

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