Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081338.D
Acq On : 2 Sep 2015 9:37
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:42:41 PM

Quant Time: Sep 02 23:26:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	58255	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	219914	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	100019	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	198040	20.00	ng		0.00
75) Chrysene-d12	13.50	240	172862	20.00	ng		0.00
86) Perylene-d12	14.80	264	121780	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	304427	81.08	ng		0.00
7) Phenol-d6	6.06	99	409086	82.31	ng		0.00
23) Nitrobenzene-d5	6.97	82	369076	80.97	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	76976	86.43	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	662681	84.91	ng		0.00
78) Terphenyl-d14	12.47	244	534665	72.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	70360	41.72	ng		95
3) Pyridine	2.27	79	168627	36.26	ng		96
4) n-Nitrosodimethylamine	2.24	42	102015	39.49	ng	#	79
6) Aniline	6.04	93	268749	38.29	ng	#	72
8) 2-Chlorophenol	6.17	128	164317	39.71	ng		82
9) Benzaldehyde	5.92	77	121610	39.05	ng	#	71
10) Phenol	6.07	94	252731	43.85	ng	#	61
11) bis(2-Chloroethyl)ether	6.15	93	166711	40.09	ng		97
12) 1,3-Dichlorobenzene	6.33	146	171998	38.91	ng	#	95
13) 1,4-Dichlorobenzene	6.41	146	175143	38.91	ng	#	94
14) 1,2-Dichlorobenzene	6.56	146	161808m	39.93	ng		
15) Benzyl Alcohol	6.56	79	169932	41.68	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	6.70	45	309912	38.88	ng		92
17) 2-Methylphenol	6.68	107	138076	41.82	ng	#	80
18) Hexachloroethane	6.90	117	71167	40.64	ng	#	88
19) n-Nitroso-di-n-propylamine	6.83	70	126249	37.32	ng	#	86
20) 3+4-Methylphenols	6.84	107	177272	39.83	ng		88
22) Acetophenone	6.82	105	248869	41.43	ng	#	79
24) Nitrobenzene	6.99	77	190750	40.30	ng	#	77
25) Isophorone	7.23	82	329988	38.92	ng	#	83
26) 2-Nitrophenol	7.30	139	75219	36.46	ng	#	21
27) 2,4-Dimethylphenol	7.37	122	155375	43.60	ng	#	79
28) bis(2-Chloroethoxy)methane	7.46	93	216764	44.26	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	126814	41.04	ng		92
30) 1,2,4-Trichlorobenzene	7.63	180	137339	40.91	ng		99
31) Naphthalene	7.70	128	473717	40.39	ng		98
32) Benzoic acid	7.52	122	83605	33.66	ng	#	55
33) 4-Chloroaniline	7.77	127	202259	42.28	ng	#	91
34) Hexachlorobutadiene	7.83	225	85376	41.79	ng		97
35) Caprolactam	8.15	113	38761	40.90	ng	#	21
36) 4-Chloro-3-methylphenol	8.26	107	134714	38.95	ng	#	71
37) 2-Methylnaphthalene	8.39	142	268824	35.22	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	132627	41.93	ng		97
40) Hexachlorocyclopentadiene	8.55	237	62404	40.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	83434	38.22	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	96194	43.19	ng	#	93
45) 1,1'-Biphenyl	8.86	154	338344	36.77	ng		95
46) 2-Chloronaphthalene	8.88	162	274633	41.33	ng		95
47) 2-Nitroaniline	8.98	65	119811	44.24	ng	#	62
48) Acenaphthylene	9.28	152	427614	36.27	ng		97
49) Dimethylphthalate	9.18	163	322685	41.52	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	74343	42.15	ng	#	68
51) Acenaphthene	9.45	154	239454	35.70	ng		90
52) 3-Nitroaniline	9.39	138	84169	41.92	ng	#	46
53) 2,4-Dinitrophenol	9.50	184	32823	44.18	ng	#	1
54) Dibenzofuran	9.62	168	360773	36.84	ng	#	83
55) 4-Nitrophenol	9.58	139	57035	45.21	ng	#	49
56) 2,4-Dinitrotoluene	9.63	165	90386	40.25	ng	#	89
57) Fluorene	9.96	166	324970	43.73	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	69494	40.87	ng		90
59) Diethylphthalate	9.87	149	330647	40.45	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	137054	39.57	ng	#	81
61) 4-Nitroaniline	10.00	138	75465	37.20	ng	#	22
62) Azobenzene	10.12	77	390349	42.95	ng		87
64) 4,6-Dinitro-2-methylphenol	10.03	198	51525	46.52	ng		87
65) n-Nitrosodiphenylamine	10.09	169	287849	39.94	ng		91
66) 4-Bromophenyl-phenylether	10.44	248	72726	36.32	ng	#	76
67) Hexachlorobenzene	10.50	284	83025	39.65	ng	#	87
68) Atrazine	10.63	200	89437	42.89	ng		82
69) Pentachlorophenol	10.70	266	37581	41.58	ng		99
70) Phenanthrene	10.91	178	456657	41.48	ng		97
71) Anthracene	10.96	178	448649	39.66	ng		98
72) Carbazole	11.12	167	368567	34.72	ng	#	96
73) Di-n-butylphthalate	11.47	149	489315	39.04	ng	#	98
74) Fluoranthene	12.08	202	463425	38.88	ng		90
76) Benzidine	12.22	184	259403	34.96	ng		97
77) Pyrene	12.31	202	482369	37.67	ng		97
79) Butylbenzylphthalate	12.95	149	204162	36.66	ng	#	65
80) Benzo(a)anthracene	13.49	228	452240	41.08	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	134246	36.15	ng	#	93
82) Chrysene	13.52	228	313747	31.79	ng		95
83) Bis(2-ethylhexyl)phthalate	13.52	149	285793	38.89	ng	#	89
84) Di-n-octyl phthalate	14.13	149	476981	39.42	ng		99
85) Indeno(1,2,3-cd)pyrene	15.89	276	280790	38.78	ng	#	86
87) Benzo(b)fluoranthene	14.48	252	412772m	47.48	ng		
88) Benzo(k)fluoranthene	14.50	252	246706m	34.20	ng		
89) Benzo(a)pyrene	14.75	252	285600	38.77	ng	#	87
90) Dibenzo(a,h)anthracene	15.91	278	237281	41.68	ng	#	78
91) Benzo(g,h,i)perylene	16.22	276	222932	41.03	ng	#	73

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

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