Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
Data File : BF079402.D
Acq On : 21 May 2015 14:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/22/2015 4:30:16 PM

Quant Time: May 22 01:14:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 01:11:00 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.073	152	49282	20.00	ng		0.00
21) Naphthalene-d8	8.650	136	210281	20.00	ng		# 0.00
38) Acenaphthene-d10	10.822	164	100661	20.00	ng		0.00
63) Phenanthrene-d10	12.651	188	193633	20.00	ng		0.00
75) Chrysene-d12	15.965	240	204408	20.00	ng		0.00
86) Perylene-d12	17.794	264	218381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.347	112	247049m	86.29	ng		0.00
7) Phenol-d6	6.650	99	324237	85.68	ng		0.00
23) Nitrobenzene-d5	7.770	82	318174	86.96	ng		0.00
41) 2,4,6-Tribromophenol	11.805	330	93329	85.70	ng		0.00
44) 2-Fluorobiphenyl	9.999	172	636463	88.09	ng		0.00
78) Terphenyl-d14	14.651	244	733427	85.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.907	88	73315m	58.90	ng		
3) Pyridine	2.581	79	163550m	44.89	ng		
4) n-Nitrosodimethylamine	2.513	42	69251m	44.37	ng		
6) Aniline	6.662	93	225598m	42.23	ng		
8) 2-Chlorophenol	6.799	128	137488	42.34	ng		96
9) Benzaldehyde	6.513	77	95269m	37.37	ng		
10) Phenol	6.662	94	187155m	42.63	ng		
11) bis(2-Chloroethyl)ether	6.765	93	136218	42.33	ng		94
12) 1,3-Dichlorobenzene	6.993	146	155383	42.57	ng	#	97
13) 1,4-Dichlorobenzene	7.096	146	159665	42.51	ng		98
14) 1,2-Dichlorobenzene	7.279	146	152075	43.49	ng		96
15) Benzyl Alcohol	7.267	79	115068	40.96	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	7.439	45	197143	40.04	ng		97
17) 2-Methylphenol	7.416	107	118905	45.50	ng		97
18) Hexachloroethane	7.690	117	54990	42.50	ng		94
19) n-Nitroso-di-n-propyla...	7.599	70	109808	42.96	ng		94
20) 3+4-Methylphenols	7.610	107	154328	44.32	ng	#	45
22) Acetophenone	7.587	105	200977	42.30	ng	#	84
24) Nitrobenzene	7.793	77	157015	43.29	ng	#	82
25) Isophorone	8.090	82	287945	42.45	ng		93
26) 2-Nitrophenol	8.182	139	62927	41.92	ng	#	81
27) 2,4-Dimethylphenol	8.262	122	129387	43.07	ng		98
28) bis(2-Chloroethoxy)met...	8.376	93	179317	42.88	ng		99
29) 2,4-Dichlorophenol	8.490	162	117445	43.97	ng		91
30) 1,2,4-Trichlorobenzene	8.582	180	121744	41.49	ng		98
31) Naphthalene	8.673	128	428133	42.73	ng		100
32) Benzoic acid	8.388	122	81611	43.98	ng		89
33) 4-Chloroaniline	8.753	127	181397	42.79	ng		96
34) Hexachlorobutadiene	8.833	225	69105	40.90	ng		98
35) Caprolactam	9.188	113	40044	46.36	ng	#	86
36) 4-Chloro-3-methylphenol	9.371	107	129241	46.07	ng		90
37) 2-Methylnaphthalene	9.531	142	289347	41.67	ng		96
39) 1,2,4,5-Tetrachloroben...	9.736	216	114992	40.56	ng		99
40) Hexachlorocyclopentadiene	9.725	237	46089	32.33	ng		96
42) 2,4,6-Trichlorophenol	9.896	196	82701	42.43	ng		98
43) 2,4,5-Trichlorophenol	9.942	196	86414	43.85	ng		94
45) 1,1'-Biphenyl	10.113	154	336015	41.99	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.136	162	268256	42.98	ng		95
47) 2-Nitroaniline	10.273	65	78228	43.25	ng	#	67
48) Acenaphthylene	10.639	152	436463	42.59	ng		99
49) Dimethylphthalate	10.514	163	324345	43.90	ng		97
50) 2,6-Dinitrotoluene	10.582	165	64975	44.57	ng	#	64
51) Acenaphthene	10.856	154	248884	40.72	ng		98
52) 3-Nitroaniline	10.788	138	84568	46.43	ng	#	78
53) 2,4-Dinitrophenol	10.925	184	13412	35.40	ng	#	68
54) Dibenzofuran	11.074	168	383307	43.42	ng		99
55) 4-Nitrophenol	11.016	139	52781	36.62	ng	#	72
56) 2,4-Dinitrotoluene	11.085	165	86497	44.88	ng	#	86
57) Fluorene	11.496	166	312376	43.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.234	232	66651	41.39	ng		99
59) Diethylphthalate	11.382	149	314521	42.97	ng		99
60) 4-Chlorophenyl-phenyle...	11.508	204	135725	42.22	ng		97
61) 4-Nitroaniline	11.542	138	85022	46.66	ng		83
62) Azobenzene	11.702	77	299432	41.52	ng		99
64) 4,6-Dinitro-2-methylph...	11.588	198	28599	38.55	ng		85
65) n-Nitrosodiphenylamine	11.656	169	273365	42.39	ng		100
66) 4-Bromophenyl-phenylether	12.114	248	85143	42.19	ng		92
67) Hexachlorobenzene	12.171	284	96017	41.62	ng	#	86
68) Atrazine	12.331	200	77371	41.26	ng		99
69) Pentachlorophenol	12.422	266	40852	34.52	ng		98
70) Phenanthrene	12.685	178	463067	42.75	ng		100
71) Anthracene	12.754	178	467801	44.02	ng		99
72) Carbazole	12.959	167	448189	44.25	ng		99
73) Di-n-butylphthalate	13.417	149	542654	44.67	ng		100
74) Fluoranthene	14.160	202	505841	44.81	ng		96
76) Benzidine	14.342	184	238981	43.38	ng		98
77) Pyrene	14.434	202	518452	44.02	ng		99
79) Butylbenzylphthalate	15.280	149	250472	48.65	ng		94
80) Benzo(a)anthracene	15.954	228	490128	43.79	ng		99
81) 3,3'-Dichlorobenzidine	15.931	252	182838	45.86	ng	#	98
82) Chrysene	16.000	228	468895	43.55	ng		99
83) Bis(2-ethylhexyl)phtha...	16.023	149	368932	47.31	ng		97
84) Di-n-octyl phthalate	16.857	149	653777	47.60	ng		96
85) Indeno(1,2,3-cd)pyrene	19.177	276	626501	45.67	ng		99
87) Benzo(b)fluoranthene	17.314	252	512034	42.84	ng		99
88) Benzo(k)fluoranthene	17.348	252	477954	41.30	ng	#	95
89) Benzo(a)pyrene	17.726	252	481401	43.74	ng		98
90) Dibenzo(a,h)anthracene	19.200	278	516840	44.18	ng		98
91) Benzo(g,h,i)perylene	19.577	276	516090	44.02	ng		99

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

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