Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079086.D
Acq On : 9 May 2015 17:34
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
5/12/2015 3:45:10 PM

Quant Time: May 11 02:03:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 00:37:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	73729	20.00	ng		0.00
21) Naphthalene-d8	8.89	136	305945	20.00	ng		-0.01
38) Acenaphthene-d10	11.07	164	152291	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	280332	20.00	ng		0.00
75) Chrysene-d12	16.21	240	259507	20.00	ng		-0.01
86) Perylene-d12	17.92	264	263672	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	355176	82.92	ng		0.00
7) Phenol-d6	6.88	99	485280	85.71	ng		0.00
23) Nitrobenzene-d5	8.01	82	441487	82.93	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	137471	83.44	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	834860	76.38	ng		0.00
78) Terphenyl-d14	14.91	244	951785	87.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	73808	39.63	ng	#	22
3) Pyridine	3.02	79	205829	37.77	ng		98
4) n-Nitrosodimethylamine	2.94	42	98636	42.24	ng		95
6) Aniline	6.90	93	335652	42.00	ng	#	81
8) 2-Chlorophenol	7.05	128	205754	42.35	ng		97
9) Benzaldehyde	6.76	77	144904	37.99	ng		90
10) Phenol	6.89	94	277648	42.27	ng		99
11) bis(2-Chloroethyl)ether	7.00	93	193790	40.25	ng		97
12) 1,3-Dichlorobenzene	7.24	146	227833	41.73	ng	#	94
13) 1,4-Dichlorobenzene	7.34	146	220201	39.19	ng		93
14) 1,2-Dichlorobenzene	7.52	146	208411	39.84	ng		94
15) Benzyl Alcohol	7.50	79	163929	39.00	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.68	45	293381	39.83	ng		98
17) 2-Methylphenol	7.64	107	167906	42.95	ng		96
18) Hexachloroethane	7.94	117	77309	39.94	ng		91
19) n-Nitroso-di-n-propylamine	7.83	70	152332	39.84	ng		95
20) 3+4-Methylphenols	7.84	107	221866	42.59	ng	#	48
22) Acetophenone	7.83	105	289373	41.86	ng		97
24) Nitrobenzene	8.03	77	223963	42.44	ng		96
25) Isophorone	8.33	82	408401	41.38	ng		97
26) 2-Nitrophenol	8.42	139	97263	44.53	ng	#	73
27) 2,4-Dimethylphenol	8.49	122	188052	43.03	ng		95
28) bis(2-Chloroethoxy)methane	8.60	93	240489	39.53	ng		97
29) 2,4-Dichlorophenol	8.72	162	165340	42.55	ng		95
30) 1,2,4-Trichlorobenzene	8.82	180	173244	40.58	ng	#	92
31) Naphthalene	8.92	128	606274	41.59	ng		99
32) Benzoic acid	8.59	122	91120	35.22	ng		96
33) 4-Chloroaniline	8.99	127	258691	41.94	ng		99
34) Hexachlorobutadiene	9.07	225	93435	38.01	ng		97
35) Caprolactam	9.43	113	56218	44.74	ng		89
36) 4-Chloro-3-methylphenol	9.60	107	181701	44.51	ng		94
37) 2-Methylnaphthalene	9.78	142	427306	42.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	175304	40.87	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	64365	29.84	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	119668	40.58	ng		98
43) 2,4,5-Trichlorophenol	10.17	196	120809	40.52	ng	#	90
45) 1,1'-Biphenyl	10.36	154	492796	40.70	ng		97
46) 2-Chloronaphthalene	10.39	162	387200	41.00	ng		96
47) 2-Nitroaniline	10.51	65	116891	42.72	ng		92
48) Acenaphthylene	10.90	152	633054	40.83	ng		99
49) Dimethylphthalate	10.75	163	436744	39.08	ng		99
50) 2,6-Dinitrotoluene	10.82	165	93035	42.18	ng		86
51) Acenaphthene	11.11	154	349158	37.76	ng		99
52) 3-Nitroaniline	11.03	138	121691	44.17	ng	#	99
53) 2,4-Dinitrophenol	11.15	184	19598	34.59	ng	#	85
54) Dibenzofuran	11.33	168	521313	39.03	ng		99
55) 4-Nitrophenol	11.23	139	82179	37.68	ng	#	85
56) 2,4-Dinitrotoluene	11.31	165	121993	41.83	ng		93
57) Fluorene	11.76	166	423113	38.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.47	232	93287	38.29	ng	#	100
59) Diethylphthalate	11.62	149	430480	38.88	ng		96
60) 4-Chlorophenyl-phenylether	11.76	204	190056	39.08	ng		95
61) 4-Nitroaniline	11.78	138	121680	44.14	ng		92
62) Azobenzene	11.95	77	415321	38.07	ng		95
64) 4,6-Dinitro-2-methylphenol	11.82	198	41486	38.60	ng		90
65) n-Nitrosodiphenylamine	11.91	169	391490	41.93	ng		98
66) 4-Bromophenyl-phenylether	12.37	248	118542	40.57	ng		92
67) Hexachlorobenzene	12.43	284	135695	40.63	ng	#	76
68) Atrazine	12.58	200	116171	42.79	ng		95
69) Pentachlorophenol	12.67	266	56344	33.21	ng		97
70) Phenanthrene	12.95	178	630125	40.18	ng		100
71) Anthracene	13.01	178	627252	40.77	ng		99
72) Carbazole	13.21	167	577225	39.36	ng		98
73) Di-n-butylphthalate	13.67	149	710553	40.40	ng	#	97
74) Fluoranthene	14.42	202	631931	38.67	ng		99
76) Benzidine	14.61	184	371354	53.10	ng		98
77) Pyrene	14.71	202	671271	44.89	ng		99
79) Butylbenzylphthalate	15.53	149	307106	46.98	ng	#	85
80) Benzo(a)anthracene	16.19	228	593263	41.75	ng		99
81) 3,3'-Dichlorobenzidine	16.17	252	216783	42.83	ng	#	98
82) Chrysene	16.24	228	556149	40.69	ng		99
83) Bis(2-ethylhexyl)phthalate	16.24	149	450667	45.52	ng	#	97
84) Di-n-octyl phthalate	17.03	149	757694	43.45	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.39	276	709582	40.75	ng	#	100
87) Benzo(b)fluoranthene	17.47	252	683626	47.37	ng		99
88) Benzo(k)fluoranthene	17.51	252	493167m	35.30	ng		
89) Benzo(a)pyrene	17.85	252	548969	41.31	ng	#	97
90) Dibenzo(a,h)anthracene	19.43	278	573892	40.63	ng		99
91) Benzo(g,h,i)perylene	19.84	276	563898	39.84	ng		100

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

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