Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085457.D
Acq On : 15 Mar 2016 15:46
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:30 PM

Quant Time: Mar 15 16:28:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 16:07:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	252077	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	992607	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	430948	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	794975	20.00	ng		0.00
75) Chrysene-d12	14.08	240	519533	20.00	ng		0.00
86) Perylene-d12	15.53	264	400475	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1042973	69.40	ng		0.00
7) Phenol-d6	6.55	99	1442123	73.25	ng		0.00
23) Nitrobenzene-d5	7.49	82	1285215	69.29	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	351738	95.39	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1865706	65.84	ng		0.00
78) Terphenyl-d14	13.03	244	1833886	81.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	280261	36.47	ng		97
3) Pyridine	3.30	79	690337	35.89	ng		98
4) n-Nitrosodimethylamine	3.26	42	315509	38.33	ng		98
6) Aniline	6.58	93	1051111	38.09	ng		96
8) 2-Chlorophenol	6.70	128	630458	34.85	ng		98
9) Benzaldehyde	6.46	77	337491	33.30	ng		98
10) Phenol	6.56	94	745955	35.38	ng		88
11) bis(2-Chloroethyl)ether	6.65	93	614976	35.11	ng		97
12) 1,3-Dichlorobenzene	6.86	146	745871	38.40	ng		99
13) 1,4-Dichlorobenzene	6.93	146	698987	35.91	ng		100
14) 1,2-Dichlorobenzene	7.09	146	637914	36.12	ng		98
15) Benzyl Alcohol	7.06	79	545758	37.76	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	870251	34.47	ng		97
17) 2-Methylphenol	7.17	107	590071	39.97	ng		97
18) Hexachloroethane	7.43	117	274792	38.26	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	408406	31.83	ng	#	92
20) 3+4-Methylphenols	7.33	107	554945	31.74	ng	#	82
22) Acetophenone	7.33	105	864428	35.68	ng	#	91
24) Nitrobenzene	7.51	77	760656	40.37	ng	#	80
25) Isophorone	7.75	82	1348752	39.24	ng		96
26) 2-Nitrophenol	7.82	139	379013	41.33	ng	#	78
27) 2,4-Dimethylphenol	7.85	122	631789	37.70	ng		94
28) bis(2-Chloroethoxy)methane	7.96	93	809190	42.27	ng		97
29) 2,4-Dichlorophenol	8.06	162	495827	36.69	ng		90
30) 1,2,4-Trichlorobenzene	8.14	180	581779	39.81	ng		99
31) Naphthalene	8.23	128	1907857	39.09	ng		99
32) Benzoic acid	7.99	122	400617	35.99	ng		97
33) 4-Chloroaniline	8.28	127	823692	41.72	ng	#	94
34) Hexachlorobutadiene	8.34	225	323850	42.59	ng		99
35) Caprolactam	8.66	113	166986	37.83	ng		93
36) 4-Chloro-3-methylphenol	8.76	107	524049	34.18	ng		99
37) 2-Methylnaphthalene	8.92	142	1068713	34.12	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	571632	46.38	ng		97
40) Hexachlorocyclopentadiene	9.06	237	284915	42.86	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	354476	38.64	ng		98
43) 2,4,5-Trichlorophenol	9.24	196	372764	42.85	ng		97
45) 1,1'-Biphenyl	9.38	154	1421783	38.62	ng		96
46) 2-Chloronaphthalene	9.41	162	1023982	36.49	ng		94
47) 2-Nitroaniline	9.50	65	310485	35.70	ng		91
48) Acenaphthylene	9.82	152	1615458	36.98	ng		99
49) Dimethylphthalate	9.68	163	1288964	38.97	ng		98
50) 2,6-Dinitrotoluene	9.75	165	321546	45.44	ng	#	82
51) Acenaphthene	9.99	154	1063587	40.10	ng		100
52) 3-Nitroaniline	9.92	138	364267	43.03	ng		83
53) 2,4-Dinitrophenol	10.02	184	146582	49.65	ng	#	29
54) Dibenzofuran	10.16	168	1240753	35.71	ng		98
55) 4-Nitrophenol	10.07	139	226600	34.06	ng	#	74
56) 2,4-Dinitrotoluene	10.15	165	370332	40.89	ng		98
57) Fluorene	10.50	166	976455	35.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	255961	41.89	ng		94
59) Diethylphthalate	10.38	149	1117913	34.83	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	521601	39.28	ng		91
61) 4-Nitroaniline	10.53	138	332675	42.01	ng		99
62) Azobenzene	10.65	77	1204818	38.10	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	217881	45.77	ng		90
65) n-Nitrosodiphenylamine	10.62	169	914562	36.99	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	311486	40.35	ng	#	90
67) Hexachlorobenzene	11.05	284	324363	39.39	ng	#	83
68) Atrazine	11.14	200	259225	37.70	ng		97
69) Pentachlorophenol	11.25	266	192954	42.21	ng		98
70) Phenanthrene	11.46	178	1539585	36.95	ng		99
71) Anthracene	11.52	178	1643390	37.16	ng		99
72) Carbazole	11.67	167	1309595	33.77	ng		99
73) Di-n-butylphthalate	12.00	149	1705991	34.80	ng		99
74) Fluoranthene	12.65	202	1419810	33.96	ng		98
76) Benzidine	12.77	184	605025	39.13	ng		100
77) Pyrene	12.88	202	1447100	37.01	ng		100
79) Butylbenzylphthalate	13.50	149	691593	38.98	ng	#	84
80) Benzo(a)anthracene	14.07	228	1144038	36.78	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	416989	42.50	ng	#	96
82) Chrysene	14.11	228	937062	32.61	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	826224	35.39	ng	#	96
84) Di-n-octyl phthalate	14.67	149	1190600	33.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1090994	48.66	ng		97
87) Benzo(b)fluoranthene	15.11	252	916716	34.34	ng		97
88) Benzo(k)fluoranthene	15.15	252	898247m	41.72	ng		
89) Benzo(a)pyrene	15.48	252	884212	39.97	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	906793	48.02	ng		98
91) Benzo(g,h,i)perylene	17.42	276	926044	48.77	ng		97

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

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